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May 21, 2021
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: Semiannual Groundwater Sampling Report (November 2020)
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin
BRRTS #02-65-245827

Dear Mr. Martin:

GZA GeoEnvironmental, Inc. (GZA) is submitting this Semiannual Groundwater Sampling Report, on behalf of EnPro Holdings, Inc. (EnPro), for the former Trent Tube Plant No. 1 site in the Village of East Troy, Wisconsin ("Site"). This report includes a summary of the groundwater sampling activities performed from June 2020 through February 2021. The November 2020 regularly scheduled semiannual groundwater sampling was during this period. Additionally, this report presents the results of the post-injection performance monitoring following the full-scale enhanced reductive dichlorination (ERD) injection program implemented at the Site. A detailed summary of the full-scale ERD injection activities will be submitted under separate cover. Please note that this report is subject to the Limitations provided in Attachment 1.

This report, including the groundwater sampling results, is being submitted to satisfy the requirements for submittal of progress in accordance with Wisconsin Administrative Code (Wis. Adm. Code) Chapter NR 724.13(3) for operation and maintenance of remedial systems.

BACKGROUND

From August 6 through 27, 2020, GZA implemented a full-scale ERD injection program to treat chlorinated hydrocarbons in groundwater at the Site. This program included injecting approximately 68,700 gallons of a 5% mixture of emulsified vegetable oil and water in 129 injection points throughout the groundwater plume, as identified by the monitoring well network. The purpose of the injection program was to create anaerobic conditions to facilitate the dechlorination of the chlorinated hydrocarbons in groundwater.

Following the injection program, GZA implemented a post-injection performance monitoring program that consisted of four monthly sampling events in September, October, November, and December 2020, followed by a quarterly groundwater sampling event in February 2021. The December 2020 sampling event was added to the sampling schedule approved by the Wisconsin Department of Natural Resources (WDNR) to confirm results and trends observed in the November 2020 sample results. The monitoring wells sampled during each sampling event are identified in the table below and the locations of the monitoring wells are shown on Figure 1.

Sampling Event	Monitoring Wells
Post-Injection Well Network: September, October, and December 2020, and February 2021 (17 Wells)	MW-1R, MW-2, MW-4, MW-16, MW-17R, MW-18R, MW-37R, MW-38 through MW-42, OP-2, OP-3, OP-5, OP-7, and OP-14
November 2020 (28 Wells)	MW-1R, MW-2, MW-4, MW-7R, MW-11, MW-12, MW-13R, MW-15, MW-16, MW-17R, MW-18R, MW-19, MW-20, MW-25, MW-27, MW-29, MW-37R, MW-38 through MW-42, OP-2, OP-3, OP-5, OP-7, OP-9, and OP-14

Field activities included measurement of groundwater levels, low-flow purging of the monitoring wells, collection of groundwater samples, and the measurement of field parameters from the wells sampled during each event.

Since June 2020, when the last Semiannual Groundwater Sampling Report was submitted, the Groundwater Extraction and Treatment System (GETS) operated with required and routine operation and maintenance activities until July 27, 2020. Effluent samples were collected from the groundwater discharge. Volatile organic compound (VOC) concentrations were below permitted limits established in the General Wisconsin Pollutant Discharge Elimination System (WPDES) Permit limitations governing the discharge. The results of the discharge monitoring are reported electronically through the Wisconsin Web Access Management System (WAMS) to the WDNR on a quarterly basis and are included in the annual WDNR Remediation Site Operation, Maintenance, Monitoring & Optimization Report, which will be submitted under separate cover. The GETS operation was discontinued on July 27, 2020, prior to implementing the full-scale ERD injection program to reduce the potential for inducing a hydraulic gradient that would cause the injectant to migrate to the recovery wells. The GETS is currently not operating.

GROUNDWATER MONITORING METHODS

Groundwater samples were collected from Site monitoring wells on September 21, 2020, October 26, 2020, November 17 through 20, 2020, December 17, 2020, and February 23, 2021, using low-flow sampling techniques in accordance with the procedures specified in the WDNR Groundwater Sampling Field Manual (PUBL-DG-03896). The sampled wells included the list of monitoring wells previously approved for sampling by the WDNR for the semiannual sampling event in November and the wells approved for post-injection performance monitoring. During the low-flow sampling procedure, field parameters for pH, temperature, specific conductivity, dissolved oxygen (DO), turbidity, and oxidation-reduction potential (ORP) were measured and recorded.

Water Level Measurements

Water level measurements, referenced to the top of PVC monitoring well casing, were measured in each well prior to well purging and sampling. The water levels were measured using a Solinst™ water level indicator. GZA decontaminated the equipment prior to and after sampling at each well location.

The depths to groundwater in the wells north of the slope along Honey Creek ranged from approximately 8 to 15 feet below ground surface (bgs). The depths to groundwater in the wells adjacent to Honey Creek, in the former channel and lagoon area, and in the wetland on the south side of Honey Creek, ranged from approximately 4 to 6 feet bgs. The depths to groundwater in these areas were influenced by the creek and precipitation. The depth to groundwater measurements collected from each well were used to calculate the groundwater elevation and to prepare a groundwater potentiometric surface map for the shallow groundwater system. Table 1 presents a summary of the groundwater elevations for the measurements collected from June 2020 through February 2021. Figures 1 and 2 present the potentiometric surface and groundwater flow for the June 16, 2020 and November 18, 2021 measurements, respectively. The potentiometric surface

map for June 16, 2020 is being submitted for comparison purposes of groundwater flow prior to and following the ERD injections.

The horizontal direction of groundwater flow at the Site is generally south toward Honey Creek, which represents a discharge point for shallow groundwater flow at the Site. The groundwater elevations indicate higher elevations on the northwest corner of the Site, which causes a semi-radial flow pattern similar to the shape of Honey Creek along the southern Site boundary. The horizontal hydraulic gradient varies across the Site. The hydraulic gradient is relatively shallow in the area of the former building and along Trent Street to the north. There is a steeper hydraulic gradient along Honey Creek near the south side of the former building and along the former channel and lagoon.

Based on the November 18 through 21, 2020 measurements, the average horizontal hydraulic gradient on the northern portion of the Site is approximately 0.010 feet per foot (ft/ft). Near Honey Creek, the average hydraulic gradient ranges from 0.034 ft/ft to 0.082 ft/ft. The horizontal groundwater flow direction and hydraulic gradient are consistent with the topography of the Site and with groundwater elevations previously measured at the Site on June 16, 2020. Although there are limited groundwater elevation data for the area south of Honey Creek, the creek appears to provide a hydraulic barrier that limits migration of groundwater beyond the creek.

The area of consolidation (AOC) on the eastern portion of the Site is an area of fill that meets the existing surface grade on the west and is approximately 6 to 8 feet above the apparent grade to the east. The depth to groundwater in this area is approximately 12 to 13 feet bgs, which is at or below the estimated maximum thickness of fill material in the AOC. The AOC does not appear to change the shallow groundwater flow direction or depth to groundwater due to mounding of water in the AOC material.

Groundwater Sampling

Following the collection of groundwater level measurements, GZA purged each of the monitoring wells using low-flow sampling techniques. The wells were purged using a peristaltic pump equipped with dedicated polyethylene tubing and a multi-meter equipped with a flow-through cell to measure field parameters (pH, temperature, DO, ORP, turbidity, and specific conductance). In accordance with WDNR's sampling requirements, the tubing intake was set in each well at either the mid-point of the screen if the top of the well screen was below the groundwater interface, or in the middle of the water column in the well if the groundwater interface was within the well screen section.

The purge rate for each well was set to minimize drawdown. The purge rate ranged from 150 to 300 milliliters/minute (ml/min), with most wells purged at 250 to 300 ml/min. Each well was purged until the field parameters stabilized within specified limits for the low-flow sampling techniques. The groundwater samples at each well were collected directly from the polyethylene tubing by disconnecting the tubing between the peristaltic pump and the flow-through cell. The groundwater samples were collected directly into laboratory-supplied and properly preserved sample containers. The groundwater purged from each well was collected in 5-gallon buckets and placed in a storage tank for the GETS until the accumulated groundwater was sufficient to treat through the GETS. During purging, field parameters were measured using a Horiba U-52-2 Multimeter water quality meter with a built-in turbidity meter. A summary of the final stabilized field parameter measurements for each well is presented on Table 2.

Following sample collection, the samples were placed on ice in an insulated cooler and shipped to Pace Analytical® Services, Inc. (Pace) of Green Bay, Wisconsin (WDNR ID No. 405132750) via overnight carrier. The groundwater samples were analyzed for VOCs by United States Environmental Protection Agency (USEPA) Method 8260. Samples collected from the post-injection monitoring network wells were also analyzed for methane, ethene, and ethane by USEPA Method 8015B Modified, dissolved iron by USEPA Method 6010, sulfate and nitrate by USEPA Method 300.0, and total organic carbon (TOC) by Method SM 5310C.

For quality assurance/quality control (QA/QC) purposes, duplicate samples were collected at a rate of one duplicate for every 10 wells sampled. Four duplicate samples were collected and submitted for analysis of VOCs, methane, ethene, ethane, dissolved iron, sulfate, nitrate, and TOC. Trip blanks were included in each cooler shipped to the laboratory and were analyzed for VOCs. Equipment blanks were not collected because GZA used new disposable tubing and laboratory-supplied transfer containers to sample at each well. QA/QC samples were processed and handled using the same protocol as the actual samples. Concentrations detected in duplicate samples were similar to concentrations detected in the corresponding original well samples. Concentrations of VOCs were not detected in the trip blanks. The laboratory analytical reports and chain-of-custody forms for the groundwater samples are provided in Attachment 2.

GROUNDWATER ANALYTICAL RESULTS

The groundwater contaminants of concern at the Site primarily consist of chlorinated hydrocarbons, including trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride. Other chlorinated hydrocarbons, such as 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethane (1,1-DCA), 1,1-DCE, and tetrachloroethene (PCE), were detected in monitoring wells at the Site, but the concentrations in most of these wells did not exceed the WDNR Enforcement Standard (ES). For the purposes of this report, the chlorinated hydrocarbons presented in the evaluation of groundwater quality will be TCE and the breakdown daughter products of TCE, including cis-1,2-DCE and vinyl chloride. The groundwater analytical results for the groundwater sampling events during the period from September 2020 through February 2021, are summarized on Table 3.

Detection Summary

Based on the laboratory analytical results from the November 2020 groundwater sampling event, the constituents detected were consistent with the previous sampling activities. The chlorinated hydrocarbons detected in samples from wells across the Site at concentrations exceeding the respective NR 140 ES included TCE, cis-1,2-DCE, and vinyl chloride. PCE, 1,1,1-TCA, and 1,1-DCE were also detected at concentrations exceeding the respective NR 140 ESs; however, these constituents were limited to certain wells in the southern portion of the former manufacturing building and downgradient. These wells also had concentrations of TCE that exceeded the NR 140 ES. The remedial activities are being performed to address the TCE groundwater plume since this plume area also contains the other chlorinated hydrocarbons.

Groundwater Chlorinated Hydrocarbon Distribution

The sample results for the period from June 2020 through February 2021, cover the period prior to and after implementation of the full-scale ERD injection program. The June 2020 sampling represents baseline sampling for the full-scale injection area. This section of the report presents an evaluation of the groundwater results prior to the injection program (June 15, 2020) and following the injection program (September 22, 2020 through February 23, 2021) and a brief evaluation of the progress of the groundwater treatment. Figure 3 shows the injection locations for the pilot test and full-scale injection programs.

There are generally two areas at the Site where groundwater exceeds the ESs for one or more chlorinated hydrocarbons. The first area is in the northern portion of the former building near MW-17R. This area of the building was used for vapor degreasing. The second area is in the southern portion of the former building and immediately east along Honey Creek. This area of the building was also used for vapor degreasing and contained an area identified as a maintenance shop. The groundwater distribution of dissolved TCE, cis-1,2-DCE, and vinyl chloride for the period from June 2020 through February 2021 are presented on Figures 4 through 9, respectively. The overall spatial distribution of chlorinated hydrocarbons in groundwater samples after the injection program is consistent with the results from sampling events prior to the injection program.

TCE

The overall TCE spatial distribution, as shown on Figures 4 and 5, over the period from June 2020 through February 2021, shows a decrease in TCE concentrations in wells in the western portion of the plume. Similarly, the concentrations in the eastern portion of the groundwater plume along Honey Creek have generally shown a decrease in concentration with no fluctuation in concentration. Monitoring well OP-14, located downgradient of the pilot test area, has shown a steady decrease in TCE concentrations since January 2020, indicating that the pilot test injections are influencing the area approximately 60 feet downgradient.

The highest concentrations of TCE detected in groundwater in the February 2021 sampling event were in monitoring wells MW-17R, MW-41, and MW-42. Based on samples collected from MW-42 from November 20, 2019 through September 21, 2020, TCE in MW-42 showed a significant decrease in concentration immediately following the pilot test injection program. From October 26, 2020 through February 23, 2021, the TCE concentrations have shown a slight increase and have stabilized at a concentration that is significantly less than the pre-injection pilot test concentrations. Based on samples collected from MW-41 from November 20, 2019 through September 21, 2020, the TCE concentrations in MW-41 showed a significant decrease. From October 26, 2020 through February 23, 2021, the TCE concentrations have shown an increase. The increase in MW-41 and the stabilized concentrations in MW-42 will be evaluated during the June 2021 sampling event to determine if additional remedial activities are necessary. The slight increase in MW-42 is likely due to sequestering of the chlorinated hydrocarbons in the emulsified vegetable oil and the release of the chlorinated hydrocarbons as the emulsified vegetable oil degrades due to fermentation and microbial activity. The TCE groundwater mass calculated from the baseline samples collected in June 2020 was approximately 26 pounds of TCE and the mass in the post-injection performance samples was approximately 5 pounds of TCE; this is an approximate 80% reduction in TCE mass.

cis-1,2-DCE

The overall cis-1,2-DCE spatial distribution, as shown on Figures 6 and 7, is similar to the distribution observed in previous sampling events. However, due to the ERD injection program (which fosters the degradation of TCE into its daughter products, including cis-1,2-DCE), the concentrations of cis-1,2-DCE in select wells increased, as expected, across the area. Prior to the ERD injection program, the concentrations of cis-1,2-DCE in the area across the central portion of the groundwater plume along Honey Creek ranged from approximately 100 to 500 micrograms per liter (µg/L). Following the ERD injections, the range of concentrations increased to between 400 and 1,500 µg/L. As a measure of the increase, the area of groundwater concentrations exceeding 700 µg/L has expanded from about 36,000 square feet in June 2020, to approximately 62,000 square feet in February 2021. This increase in concentrations is evidence that the degradation of TCE is occurring across the injection area. It is expected that the groundwater treatment will reduce the cis-1,2-DCE concentrations as the degradation process continues.

The cis-1,2-DCE groundwater mass calculated from the baseline samples collected in June 2020, was approximately 43 pounds of cis-1,2-DCE and the mass in the post-injection performance samples was approximately 30 pounds of cis-1,2-DCE; this is an approximate 30% reduction in TCE mass. The concentration range of cis-1,2-DCE has shown an increase; however, the area of the higher cis-1,2-DCE concentrations has decreased, which has resulted in a reduction in the groundwater mass.

Vinyl Chloride

The overall spatial distribution of vinyl chloride, as shown on Figures 8 and 9, is similar to the distribution observed in the previous sampling events. Although the groundwater treatment is degrading the chlorinated hydrocarbons, a significant increase in vinyl chloride has not yet been observed across the area. The calculated mass of vinyl chloride

in groundwater was 2.11 pounds in the baseline samples and 1.63 pounds in the post-injection performance monitoring samples.

Overall Groundwater Treatment Performance

As a measure of the overall performance of the injection program, the chlorinated hydrocarbon groundwater mass was calculated as a TCE-equivalent mass. The TCE-equivalent mass is calculated by converting the daughter products into the mass of TCE that would be required to generate the mass of each daughter product. This is calculated by multiplying the mass of each daughter product by the ratio of molecular weight of TCE by the molecular weight of the daughter product. The ratio for cis-1,2-DCE is 1.36 and for vinyl chloride is 2.10. The total TCE-equivalent is the sum of the TCE mass plus the TCE-equivalent mass of the daughter products. This TCE-equivalent mass was calculated for the baseline concentrations from samples collected in June 2020, and the post-injection performance samples collected in February 2021. The TCE-equivalent mass in June 2020 was calculated to be approximately 89 pounds of TCE and in February 2021, was calculated to be approximately 48 pounds of TCE. This calculated mass reduction of TCE-equivalent mass is approximately 50% in the six months since the injection program was implemented.

Other Observations

- Monitoring wells MW-25, MW-27, and MW-29, in the area south of and along Honey Creek, are in a low-lying area that is likely hydraulically connected to Honey Creek and groundwater flows into and out of this area based on the water level in Honey Creek. The groundwater samples collected from wells MW-25 and MW-29 did not have detections of chlorinated hydrocarbons. Monitoring well MW-27, which is located immediately adjacent to the south side of Honey Creek and is most influenced by water levels in Honey Creek, had detections of vinyl chloride exceeding the ES. The absence of chlorinated hydrocarbons in monitoring wells MW-25 and MW-29 confirms that Honey Creek represents a hydraulic barrier to the migration of contaminants beneath and south of Honey Creek.
- Methane is an indicator of highly reducing conditions that are favorable to ERD. The results of groundwater samples from MW-2, MW-4, MW-16, MW-18R, MW-39, MW-41, MW-42, OP-2, OP-5, OP-7, and OP-14 indicate an increase in methane following the full-scale injection. These wells are within the injection area.
- The presence of ethene in the groundwater is an indicator that dechlorination of the chlorinated hydrocarbons is proceeding. Following the full-scale injection, an increase in ethene was detected in wells MW-16, MW-18R, OP-2, OP-5, and OP-7. Wells MW-16 and MW-18R are located within the southern portion of the former building near the vapor degreaser, wells OP-5 and OP-7 are located east of the AOC, and well OP-2 is located south/downgradient of the former degreasing area, along the slope toward Honey Creek. Ethene did not show an increase in other wells within the groundwater injection area; however, the lack of ethene in the groundwater samples does not suggest that the dechlorination process is not proceeding to completion. The lack of ethene in groundwater may be due to low-level chlorinated hydrocarbon concentrations, other processes degrading the less chlorinated hydrocarbons, such as vinyl chloride, without producing ethene, or dilution of ethene to concentrations less than the laboratory detection limit.
- The field parameter that provides a convincing indication of anaerobic, reducing conditions is ORP. ORP is measured in millivolts (mV) and can be positive indicating oxidation conditions or negative indicating reducing conditions. For the dechlorination process to be effective, the ORP measured in groundwater need to have negative measurements. ORP measurements in the range from 50 mV to -100 mV, suggest mildly reducing conditions may exist and the reductive dechlorination pathway is possible. ORP measurements in the range from -100 mV to -300 mV (more negative) indicates that reducing conditions are present and that the reductive dechlorination pathway is likely.

The ORP is being measured in 28 monitoring wells as part of the post-injection performance monitoring program. The ORP in all wells being monitored have an ORP measurement that is less than 0 mV. A total of 23 of the monitoring wells have a measured ORP in range from 0 mV to -100mV, and five of the monitoring wells have a measured ORP in the range from -100 mV to -200 mV. The ORP measurements in Table 2 for the November sampling event confirm that the injection program has created favorable conditions throughout the Site for ERD and downgradient of the injection arrays.

CONCLUSIONS

Based on the results of the groundwater sampling performed during the period from September 2020 through February 2021, the following conclusions can be made:

- The horizontal direction of groundwater flow across the Site is south toward Honey Creek at an average horizontal hydraulic gradient of 0.010 ft/ft to 0.082 ft/ft. The hydraulic gradient near Honey Creek increases due to the topography along Honey Creek.
- Chlorinated hydrocarbons were detected above respective ESs in two areas of the Site: the northern portion of the former building and the southern portion of the former building.
- Chlorinated hydrocarbons detected in the groundwater samples included TCE; cis-1,2-DCE; vinyl chloride; 1,1,1-TCA; 1,1-DCA; and 1,1-DCE. Of these analytes, TCE, 1,1,1-TCA, and 1,1-DCE were detected in exceedance of the respective ESs. TCE was generally detected at a concentration exceeding the ES in monitoring wells in which other chlorinated hydrocarbons were detected.
- The full scale ERD injection was performed in August 2020. The injection arrays were placed throughout the groundwater plume, including the northern portion of the former building near MW-17R, the southern portion of the former building near the vapor degreasing area and former maintenance shop, and east of the AOC near OP-7 and OP-8.
- The post-injection groundwater sampling results indicate a decrease in TCE concentrations and an increase in the daughter products cis-1,2-DCE and vinyl chloride through the injection areas. One well, MW-41, which is situated between three injection arrays, has shown an increase in TCE concentrations. The area around this well is being evaluated to determine if additional injection is necessary to reduce the TCE concentrations.
- The ORP measurements indicate that the conditions are favorable for reductive dichlorination to effectively treat the groundwater throughout the plume area.
- The decrease in TCE concentrations and the increase in daughter products indicates that ERD is effectively treating the groundwater. Future groundwater concentrations will continue to be monitored to determine the next steps in the groundwater remediation process.
- The GETS operation was discontinued in July 2020, prior to the full-scale injection, and is not currently operational. The GETS operation was discontinued so hydraulic gradients were not induced to cause accelerated migration of the injectant and to eliminate the possibility of removal of the injectant by the recovery wells.

NEXT STEPS

Based on the groundwater sampling results, the following activities are anticipated to be completed by GZA during the remainder of 2021:

- Quarterly groundwater sampling of the performance monitoring wells and the approved semi-annual monitoring well network in June and November 2021.
- Evaluation of the area around MW-41 to determine if the current full-scale injection program is capable of treating the groundwater in this area or if additional injection is necessary. If additional injection is necessary, alternate methods of injection that do not create pressure gradients will be considered for implementation.
- Preparation of the Semiannual Groundwater Sampling Report for submittal to the WDNR for review.

If you have questions regarding this report, please contact Mr. Kevin Hedinger at (262) 754-2578 or by email at kevin.hedinger@gza.com.

Sincerely,

GZA GeoEnvironmental, Inc.

Kevin M. Hedinger
Senior Hydrogeologist

James F. Drought, P.H.
Principal Hydrogeologist

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Attachments: Tables 1 through 3
Figures 1 through 9
Limitations
Laboratory Analytical Reports and Chain-of-Custody Forms

cc: Benne Hutson, EnPro Industries, Inc.
Edward B. Witte, Godfrey & Kahn, S.C.

TABLES

TABLE 1
SUMMARY OF GROUNDWATER ELEVATIONS
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

WELL ID	NORTH	EAST	DATE	GROUND SURFACE ELEVATION* (feet amsl)	TOC ELEVATION (feet)*	DEPTH TO WATER (feet)	DEPTH TO BOTTOM (feet)	GROUNDWATER ELEVATION (feet)
MW-1R	15542906.13	1263470.32	11/19/2020	837.88	839.95	13.89	25.28	826.06
MW-2	15542801.87	1263478.62	11/19/2020	834.15	836.8	10.38	18.94	826.42
MW-4	15542726.05	1263625.68	11/18/2020	837.14	838.97	13.00	22.36	825.97
MW-7R	15542916.44	1264282.04	11/17/2020	821.97	824.44	6.50	13.79	817.94
MW-11	15543255.49	1263495.29	11/18/2020	844.61	844.33	11.90	18.61	832.43
MW-12	15543080.14	1264204.76	11/17/2020	837.68	839.27	15.31	20.91	823.96
MW-13R			11/17/2020	835.84	838.34	15.11	20.48	823.23
MW-15	15543133.19	1264382.74	11/17/2020	830.24	832.63	12.74	19.03	819.89
MW-16	15542813.05	1263725.11	11/18/2020	837.29	839.39	12.31	26.49	827.08
MW-17R	15543077.88	1263725.29	11/18/2020	836.96	839.24	8.08	19.21	831.16
MW-18R			11/18/2020	837.10	839.76	11.40	22.34	828.36
MW-19	15542879.48	1264308	11/17/2020	818.85	822.59	4.92	10.39	817.67
MW-20	15543135.67	1264489.58	11/17/2020	821.53	823.72	6.14	11.57	817.58
MW-25	15542680.62	1264216.31	11/20/2020	821.17	823.63	6.28	14.93	817.35
MW-27	15542574.43	1263906.19	11/20/2020	824.54	827.52	4.42	14.05	823.10
MW-29	15542434.19	1264197.84	11/20/2020	825.61	828.91	8.82	14.91	820.09
MW-37R	15543007.42	1263758.84	11/18/2020	837.36	839.41	8.73	20.78	830.68
MW-38			11/18/2020	836.40	839.15	11.72	19.30	827.43
MW-39			11/17/2020	837.29	840.45	13.95	21.91	826.50
MW-40			11/19/2020	837.44	840.35	13.31	22.46	827.04
MW-41			11/18/2020	836.73	839.48	13.22	21.60	826.26
MW-42			11/18/2020	837.20	839.70	12.33	22.09	827.37
OP-2	15542625.55	1263776.69	11/19/2020	833.95	836.69	16.38	22.78	820.31
OP-3	15542699.53	1263909.48	11/19/2020	830.64	831.29	10.58	19.68	820.71
OP-5	15542846.59	1264039.62	11/17/2020	831.63	833.12	13.26	18.34	819.86
OP-7	15542912.61	1264148.53	11/17/2020	828.89	831.71	12.43	18.32	819.28
OP-9	15542998.67	1264155.38	11/17/2020	836.39	838.54	14.47	27.58	824.07
OP-14	15542735.68	1263504.52	11/18/2020	837.15	837.86	14.03	21.96	823.83

Notes:
ft amsl = feet above mean sea level.
TOC = Top of casing.

TABLE 2
SUMMARY OF FIELD PARAMETERS
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	11/19/2020	13.89	25.28	0.28	-17.6	1374	13.71	7.02
MW-2	11/19/2020	10.38	18.94	0.32	-72.8	1516	13.31	6.65
MW-4	11/18/2020	13	22.36	2.09	-7.6	789	12.64	6.97
MW-7R	11/17/2020	6.50	13.79	0.37	-109.5	1367	11.12	7.02
MW-11	11/18/2020	11.9	18.61	2.8	-18.2	1202	11.58	7.17
MW-12	11/17/2020	15.31	20.91	0.57	-98.2	1232	11.85	6.91
MW-13R	11/17/2020	15.11	20.48	0.38	-57.4	1039	12.02	6.91
MW-15	11/17/2020	12.74	19.03	1.39	-37.1	944	9.9	6.98
MW-16	11/18/2020	12.31	26.49	4.55	-98.2	976	12.99	6.91
MW-17R	11/18/2020	8.08	19.21	1.63	-148.1	969	13.06	11.64
MW-18R	11/18/2020	11.4	22.34	1.53	-87	758	13.16	6.51
MW-19	11/17/2020	4.92	10.39	0.81	-36.9	1085	10.87	7.18
MW-20	11/17/2020	6.14	11.57	2.18	-23.1	1222	10.46	6.87
MW-25	11/20/2020	6.28	14.93	1.45	-42.5	2487	11.17	7.04
MW-27	11/20/2020	4.42	14.05	2.09	-56.7	2389	11.76	6.97
MW-29	11/20/2020	8.82	14.91	12.51	-7.4	1800	10.46	6.98
MW-37R	11/18/2020	8.73	20.78	5.03	-5.8	500	13.17	7.65
MW-38	11/18/2020	11.72	19.3	3.2	-2.7	980	13.5	7.31
MW-39	11/17/2020	13.95	21.91	0.3	-103.8	790	13.19	7.12
MW-40	11/19/2020	13.31	22.46	0.34	-73.2	1229	12.53	6.72
MW-41	11/18/2020	13.22	21.6	1.55	-89.7	839	12.79	7.28
MW-42	11/18/2020	12.33	22.09	1.6	-76.2	1460	13.44	7.15
OP-2	11/19/2020	16.38	22.78	0.69	-14	980	13.1	6.81
OP-3	11/19/2020	10.58	19.68	1.96	-75.2	781	13.12	6.94
OP-5	11/17/2020	13.26	18.34	0.7	-193.1	1332	11.62	7.35
OP-7	11/17/2020	12.43	18.37	0.65	-101.4	2018	11.88	6.79
OP-9	11/17/2020	14.47	27.58	0.7	-52.8	1438	12.47	6.79
OP-14	11/18/2020	14.03	21.96	1	-11.6	902	12.32	6.91

Notes

1. ft btoc = feet below top of casing.
2. DO = dissolved oxygen.
3. mg/L = milligrams per liter.
4. ORP = oxidation-reduction potential.
5. mV = millivolts.
6. µS/cm = microSiemens per centimeter.
7. s.u. = Standard Units.

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
June 2020 Through February 2021
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

			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	Methane	Iron, dissolved
		PAL	40	0.5	85	0.7		0.5	80	0.5	10	0.5	160	0.5	0.02	7		20				1000
		ES	200	5	850	7	5	5	400	5	100	5	800	5	0.2	70		100				
Well Name	Sample Name	Sample Date																				
MW-01R	MW-1R	6/15/2020	3.9	< 0.55 U	9.8	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	0.55 J	< 0.17 U	0.31 J	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	< 0.66 U	< 29.6 U
MW-01R	MW-1R	9/22/2020	2	< 0.55 U	1.2	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	2 J	< 29.6 U
MW-01R	MW-1R	10/26/2020	1.5	< 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	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	2.9	< 29.6 U
MW-01R	MW-1R	11/19/2020	0.98 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	< 0.33 U	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	2.2 J	< 29.6 U
MW-01R	MW-1R	12/16/2020	0.52 J	< 0.55 U	0.37 J	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	0.27 J	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	3.8	43 J
MW-01R	MW-1R	2/23/2021	0.4 J	< 0.55 U	0.28 J	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	< 0.66 U	< 29.6 U
MW-02	MW-2	6/15/2020	< 6.1 U	< 13.8 U	< 6.8 U	**20.7 J**	< 7 U	< 6.2 U	< 33.6 U	< 14.5 U	< 29.4 U	< 8.2 U	< 6.7 U	< 6.4 U	**42**	**3,400**	< 6.5 U	< 11.6 U	2 J	1.2 J	1,680	16,200
MW-02	MW-2	9/22/2020	< 0.24 U	< 0.55 U	1.7	0.38 J	< 0.28 U	< 0.25 U	3.5 J	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	1.7	**1.9**	**136**	< 0.26 U	0.54 J	< 1.2 U	< 1.2 U	7,270	39,800
MW-02	MW-2	10/26/2020	< 0.49 U	< 1.1 U	< 0.55 U	< 0.49 U	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	< 0.65 U	< 0.54 U	1.1 J	**2.1**	**95.7**	< 0.52 U	< 0.93 U	< 1.2 U	< 1.2 U	5,840	42,800
MW-02	MW-2	11/19/2020	< 0.49 U	< 1.1 U	< 0.55 U	< 0.49 U	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	< 0.65 U	< 0.54 U	< 0.51 U	**4.9**	**104**	< 0.52 U	< 0.93 U	< 1.2 U	< 1.2 U	8,660	44,700
MW-02	MW-2	12/16/2020	< 0.49 U	< 1.1 U	< 0.55 U	< 0.49 U	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	< 0.65 U	< 0.54 U	0.58 J	**4.4**	**101**	< 0.52 U	< 0.93 U	< 1.2 U	< 1.2 U	8,750	36,800
MW-02	MW-2	2/23/2021	< 0.24 U	< 0.55 U	0.87 J	0.46 J	< 0.28 U	< 0.25 U	7.2	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	0.81 J	**3.7**	**107**	< 0.26 U	0.48 J	< 1.2 U	< 1.2 U	9,350	33,300
MW-04	MW-4	6/15/2020	2.5	< 0.55 U	0.56 J	0.42 J	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	2.3	< 0.27 U	**78.6**	< 0.17 U	**99**	< 0.26 U	0.54 J	< 1.2 U	< 1.2 U	7.4	371
MW-04	MW-4	9/21/2020	2.4	< 0.55 U	7.1	5.9	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	**18.2**	**3.2**	**1,730**	< 0.26 U	5.2	< 1.2 U	< 1.2 U	111	3,310
MW-04	MW-4	10/26/2020	< 4.9 U	< 11 U	< 5.5 U	< 4.9 U	< 5.6 U	< 4.9 U	< 26.8 U	< 11.6 U	< 23.5 U	< 6.5 U	< 5.4 U	**115**	< 3.5 U	**2,670**	< 5.2 U	**113**	< 1.2 U	< 1.2 U	219	2,330
MW-04	MW-4	11/18/2020	< 4.9 U	< 11 U	< 5.5 U	**10.6 J**	< 5.6 U	< 4.9 U	< 26.8 U	< 11.6 U	< 23.5 U	< 6.5 U	< 5.4 U	**113**	**4.1 J**	**3,930**	< 5.2 U	74.4	< 1.2 U	< 1.2 U	197	1,400
MW-04	MW-4	12/17/2020	< 4.9 U	< 11 U	< 5.5 U	**13.4 J**	< 5.6 U	< 4.9 U	< 26.8 U	< 11.6 U	< 23.5 U	< 6.5 U	< 5.4 U	**120**	**10.1 J**	**3,890**	< 5.2 U	46.7	< 1.2 U	< 1.2 U	204	1,780
MW-04	MW-4	2/22/2021	< 4.9 U	< 11 U	< 5.5 U	**28.8**	< 5.6 U	< 4.9 U	< 26.8 U	< 11.6 U	< 23.5 U	< 6.5 U	< 5.4 U	**163**	**230**	**7,500**	< 5.2 U	85.1	< 1.2 U	< 1.2 U	440	1,980
MW-04A	MW-4A	6/15/2020	< 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	4	< 0.27 U	1	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-06	MW-6	6/18/2020	< 1.2 U	< 2.8 U	2.2 J	< 1.2 U	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	< 1.6 U	< 1.3 U	**64.8**	**31.8**	**231**	< 1.3 U	3.5 J	NA	NA	NA	NA
MW-06A	MW-6A	6/18/2020	< 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	0.83 J	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-07R	MW-7R	6/16/2020	< 0.24 U	< 0.55 U	2.8	0.49 J	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.35 J	< 0.27 U	0.8 J	**46.4**	**222**	< 0.26 U	1.5 J	NA	NA	NA	NA
MW-07R	MW-7R	11/17/2020	< 0.24 U	< 0.55 U	2.1	0.33 J	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	< 0.26 U	**91.6**	**151**	< 0.26 U	0.81 J	NA	NA	NA	NA
MW-08	MW-8	6/16/2020	< 0.24 U	< 0.55 U	0.37 J	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.36 J	< 0.27 U	< 0.26 U	**0.38 J**	0.67 J	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-11	MW-11	6/15/2020	< 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	0.85 J	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-11	MW-11	11/18/2020	< 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	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-12	MW-12	6/16/2020	< 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	< 0.27 U	< 0.26 U	**0.42 J**	< 0.27 U	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-12	MW-12	11/17/2020	< 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	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-13R	MW-13R	6/16/2020	< 0.24 U	< 0.55 U	2	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	< 0.26 U	**10**	3.4	< 0.26 U	1.2 J	NA	NA	NA	NA
MW-13R	MW-13R	11/17/2020	< 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	< 0.27 U	< 0.26 U	**1.1**	2	< 0.26 U	0.47 J	NA	NA	NA	NA
MW-15	MW-15	6/16/2020	5.4	< 0.55 U	26	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	1.5 J	0.59 J	< 0.27 U	1.9	**3.6**	3	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-15	MW-15	11/17/2020	3.6	< 0.55 U	5.5	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	23.7	< 0.33 U	< 0.27 U	0.79 J	**154**	57.6	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-16	MW-16	6/15/2020	**969**	< 11 U	374	< 4.9 U	< 5.6 U	< 4.9 U	< 26.8 U	< 11.6 U	< 23.5 U	< 6.5 U	< 5.4 U	< 5.1 U	**7.2 J**	**91.8**	< 5.2 U	< 9.3 U	< 1.2 U	< 1.2 U	34.1	1,220
MW-16	MW-16	9/21/2020	**210**	< 0.55 U	61.5	1.8	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	**10.1**	**33.7**	40.9	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	10.1	267
MW-16	MW-16	10/27/2020	**266**	< 2.8 U	83.9	4.1 J	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	2 J	< 1.3 U	**28.7**	**14.7**	**334**	< 1.3 U	< 2.3 U	< 1.2 U	< 1.2 U	10.6	1,140
MW-16	MW-16	11/18/2020	167	< 0.55 U	371	5	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.44 J	< 0.27 U	**5.1**	**149**	**412**	< 0.26 U	2.4	< 1.2 U	20.6	72.6	6,310
MW-16	MW-16	12/17/2020	20.1	< 2.8 U	367	< 1.2 U	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	< 1.6 U	< 1.3 U	2 J	**55.8**	50.8	< 1.3 U	< 2.3 U	< 1.2 U	54.8	234	16,200
MW-16	MW-16	2/23/2021	7.4	< 1.4 U	319	< 0.61 U	< 0.7 U	< 0.62 U	19.9	< 1.5 U	< 2.9 U	< 0.82 U	< 0.67 U	1.2 J	**21**	54.3	< 0.65 U	1.4 J	8.5	29.6	2,940	32,800
MW-17R	MW-17R	6/15/2020	< 1.2 U	< 2.8 U	< 1.4 U	< 1.2 U	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	2.2 J	< 1.3 U	**376**	**10.2**	**150**	< 1.3 U	9.3	< 1.2 U	1.6 J	88.7	< 29.6 U
MW-17R	MW-17R	9/21/2020	< 1.2 U	< 2.8 U	2.3 J	1.9 J	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	1.7 J	< 1.3 U	**646**	**20.5**	**290**	< 1.3 U	22.1	< 1.2 U	3.5 J	229	< 29.6 U
MW-17R	MW-17R	10/26/2020	< 1.2 U	< 2.8 U	1.5 J	< 1.2 U	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	2.1 J	< 1.3 U	**616**	**14.9**	**251**	< 1.3 U	19.7	< 1.2 U	1.6 J	129	< 29.6 U
MW-17R	MW-17R	11/18/2020	< 1.2 U	< 2.8 U	1.5 J	< 1.2 U	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	< 1.6 U	< 1.3 U	**447**	**11.5**	**145**	< 1.3 U	13.8	< 1.2 U	< 1.2 U	52.9	< 29.6 U
MW-17R	MW-17R	12/16/2020	< 1.2 U	< 2.8 U	2.8 J	< 1.2 U	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	2.1 J	< 1.3 U	**572**	**26.3**	**237**	< 1.3 U	20.4	< 1.2 U	3.5 J	261	< 29.6 U
MW-17R	MW-17R	2/22/2021	< 1.2 U	< 2.8 U	2.4 J	< 1.2 U	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	2.5 J	< 1.3 U	**722**	**21.9**	**257**	< 1.3 U	27.6	< 1.2 U	1.9 J	91.4	< 29.6 U
MW-18R	MW-18R	6/15/2020	< 4.9 U	< 11 U	< 5.5 U	**10.3 J**	< 5.6 U	< 4.9 U	< 26.8 U	< 11.6 U	< 23.5 U	< 6.5 U	< 5.4 U	**3,910**	**30.7**	**1,950**	< 5.2 U	22.9 J	2.1 J	1.7 J	1,460	< 29.6 U
MW-18R	MW-18R	9/21/2020	< 9.8 U	< 22.1 U	< 10.9 U	**17.6 J**	< 11.2 U	< 9.9 U	< 53.7 U	< 23.2 U	< 47 U	< 13.1 U	< 10.8 U	< 10.2 U	**74.8**	**8,830**	< 10.5 U	69.8	1.9 J	1.2 J	594	23,200
MW-18R	MW-18R	10/26/2020	< 9.8 U	< 22.1 U	< 10.9 U	**14.9 J**	< 11.2 U	< 9.9 U	< 53.7 U	< 23.2 U	< 47 U	< 13.1 U	< 10.8 U	< 10.2 U	**143**	**7,700**	< 10.5 U	29.3 J	3.3 J	14.7	537	38,700
MW-18R	MW-18R	11/18/2020	< 9.8 U	< 22.1 U	< 10.9 U	< 9.8 U	< 11.2 U	< 9.9 U	< 53.7 U	< 23.2 U	< 47 U	< 13.1 U	< 10.8 U	< 10.2 U	**129**	**3,680**	< 10.5 U	27.7 J	2.8 J	14.9	605	21,800
MW-18R	MW-18R	12/16/2020	< 9.8 U	< 22.1 U	< 10.9 U	**11.1 J**	< 11.2 U	< 9.9 U	< 53.7 U	< 23.2 U	< 47 U	< 13.1 U	< 10.8 U	< 10.2 U	**315**	**3,780**	< 10.5 U	< 18.6 U	< 1.2 U	24.5	2,790	29,000
MW-18R	MW-18R	2/22/2021	< 9.8 U	< 22.1 U	< 10.9 U	**11 J**	< 11.2 U	< 9.9 U	< 53.7 U	< 23.2 U	< 47 U	< 13.1 U	< 10.8 U	< 10.2 U	**188**	**5,560**	< 10.5 U	< 18.6 U	< 1.2 U	8.3	3,040	20,500
MW-19	MW-19	6/16/2020	< 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	< 0.33 U	< 0.27 U	< 0.26 U	**40.7**	9	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-19	MW-19	11/17/2020	< 0.24 U	< 0.55 U	0.38 J	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	< 0.26 U	**5.6**	1	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-20	MW-20	6/16/2020	< 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	< 0.27 U	< 0.26 U	< 0.17 U	0.5 J	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-20	MW-20	11/17/2020	< 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	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-21	MW-21	6/15/2020	0.69 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	< 0.33 U	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	NA	NA	NA	NA

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
June 2020 Through February 2021
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

			Manganese, dissolved	Nitrate as N (mg/L)	Sulfate (mg/L)	Alkalinity, total as CaCO3 (mg/L)	Total Organic Carbon (mg/L)
		PAL	60	1			
		ES	300	10			
Well Name	Sample Name	Sample Date					
MW-01R	MW-1R	6/15/2020	NA	NA	307	263	3.9
MW-01R	MW-1R	9/22/2020	NA	0.28 J	125	NA	2.8
MW-01R	MW-1R	10/26/2020	NA	0.23	99	NA	2.1
MW-01R	MW-1R	11/19/2020	NA	1.7	69.4	NA	1.9
MW-01R	MW-1R	12/16/2020	NA	0.55	72.3	NA	1.7
MW-01R	MW-1R	2/23/2021	NA	0.23	91.6	NA	2
MW-02	MW-2	6/15/2020	NA	NA	3.8 J	684	158
MW-02	MW-2	9/22/2020	NA	< 0.22 U	3.4 J	NA	179
MW-02	MW-2	10/26/2020	NA	< 0.22 U	2.6 J	NA	4.3
MW-02	MW-2	11/19/2020	NA	< 0.044 U	5	NA	83.7
MW-02	MW-2	12/16/2020	NA	< 0.22 U	< 2.2 U	NA	110
MW-02	MW-2	2/23/2021	NA	< 0.22 U	< 2.2 U	NA	76.8
MW-04	MW-4	6/15/2020	NA	NA	32.9	365	9.6
MW-04	MW-4	9/21/2020	NA	< 0.044 U	58.5	NA	5.3
MW-04	MW-4	10/26/2020	NA	< 0.044 U	67	NA	2.5
MW-04	MW-4	11/18/2020	NA	< 0.044 U	71.5	NA	2.1
MW-04	MW-4	12/17/2020	NA	< 0.044 U	67	NA	1.9
MW-04	MW-4	2/22/2021	NA	< 0.044 U	53.8	NA	2.9
MW-04A	MW-4A	6/15/2020	NA	NA	NA	NA	NA
MW-06	MW-6	6/18/2020	NA	NA	NA	NA	NA
MW-06A	MW-6A	6/18/2020	NA	NA	NA	NA	NA
MW-07R	MW-7R	6/16/2020	NA	NA	NA	NA	NA
MW-07R	MW-7R	11/17/2020	NA	NA	NA	NA	NA
MW-08	MW-8	6/16/2020	NA	NA	NA	NA	NA
MW-11	MW-11	6/15/2020	NA	NA	NA	NA	NA
MW-11	MW-11	11/18/2020	NA	NA	NA	NA	NA
MW-12	MW-12	6/16/2020	NA	NA	NA	NA	NA
MW-12	MW-12	11/17/2020	NA	NA	NA	NA	NA
MW-13R	MW-13R	6/16/2020	NA	NA	NA	NA	NA
MW-13R	MW-13R	11/17/2020	NA	NA	NA	NA	NA
MW-15	MW-15	6/16/2020	NA	NA	NA	NA	NA
MW-15	MW-15	11/17/2020	NA	NA	NA	NA	NA
MW-16	MW-16	6/15/2020	NA	< 0.044 U	31.7	434	2.6
MW-16	MW-16	9/21/2020	NA	< 0.044 U	40.8	NA	9.2
MW-16	MW-16	10/27/2020	NA	< 0.044 U	6.7	NA	94.3
MW-16	MW-16	11/18/2020	NA	< 0.22 U	< 2.2 U	NA	126
MW-16	MW-16	12/17/2020	NA	< 0.22 U	3.6 J	NA	83.8
MW-16	MW-16	2/23/2021	NA	< 0.22 U	< 2.2 U	NA	82.3
MW-17R	MW-17R	6/15/2020	NA	< 0.044 U	94.1	196	9.2
MW-17R	MW-17R	9/21/2020	NA	0.33	191	NA	15.6
MW-17R	MW-17R	10/26/2020	NA	< 0.044 U	200	NA	16
MW-17R	MW-17R	11/18/2020	NA	< 0.044 U	142	NA	35.7
MW-17R	MW-17R	12/16/2020	NA	< 0.044 U	265	NA	64.2
MW-17R	MW-17R	2/22/2021	NA	< 0.44 U	215	NA	41.7
MW-18R	MW-18R	6/15/2020	NA	NA	73.5	317	2.1
MW-18R	MW-18R	9/21/2020	NA	< 0.22 U	< 2.2 U	NA	142
MW-18R	MW-18R	10/26/2020	NA	< 0.22 U	< 2.2 U	NA	284
MW-18R	MW-18R	11/18/2020	NA	< 0.22 U	< 2.2 U	NA	63.8
MW-18R	MW-18R	12/16/2020	NA	< 0.22 U	< 2.2 U	NA	150
MW-18R	MW-18R	2/22/2021	NA	< 0.22 U	< 2.2 U	NA	96.8
MW-19	MW-19	6/16/2020	NA	NA	NA	NA	NA
MW-19	MW-19	11/17/2020	NA	NA	NA	NA	NA
MW-20	MW-20	6/16/2020	NA	NA	NA	NA	NA
MW-20	MW-20	11/17/2020	NA	NA	NA	NA	NA
MW-21	MW-21	6/15/2020	NA	NA	NA	NA	NA

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
June 2020 Through February 2021
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

			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	Methane	Iron, dissolved
		PAL	40	0.5	85	0.7		0.5	80	0.5	10	0.5	160	0.5	0.02	7		20				1000
		ES	200	5	850	7	5	5	400	5	100	5	800	5	0.2	70		100				
MW-25	MW-25	6/19/2020	< 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	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-25	MW-25	11/20/2020	< 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	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-27	MW-27	6/19/2020	< 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	< 0.27 U	< 0.26 U	**0.33 J**	0.5 J	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-27	MW-27	11/20/2020	< 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	< 0.27 U	< 0.26 U	**0.35 J**	0.38 J	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-29	MW-29	6/19/2020	< 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	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-29	MW-29	11/20/2020	< 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	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	NA	NA	NA	NA
MW-37R	MW-37R	6/15/2020	< 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	< 0.27 U	1.6	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	< 0.66 U	< 29.6 U
MW-37R	MW-37R	9/21/2020	< 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	< 0.27 U	3.7	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	1.2 J	< 29.6 U
MW-37R	MW-37R	10/26/2020	< 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	< 0.27 U	2.5	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	1.3 J	< 29.6 U
MW-37R	MW-37R	11/18/2020	< 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	< 0.27 U	2	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	< 0.66 U	< 29.6 U
MW-37R	MW-37R	12/16/2020	< 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	< 0.27 U	1.8	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	1.4 J	< 29.6 U
MW-37R	MW-37R	2/22/2021	< 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	< 0.27 U	**9.9**	0.18 J	0.75 J	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	< 0.66 U	< 29.6 U
MW-38	MW-38	6/15/2020	< 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	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	< 0.66 U	< 29.6 U
MW-38	MW-38	9/21/2020	0.36 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	< 0.33 U	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	2.2 J	< 29.6 U
MW-38	MW-38	10/26/2020	0.32 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	< 0.33 U	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	1.1 J	< 29.6 U
MW-38	MW-38	11/18/2020	0.49 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	< 0.33 U	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	< 0.66 U	48.9 J
MW-38	MW-38	12/16/2020	1.1	< 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	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	1.1 J	57.4 J
MW-38	MW-38	2/22/2021	0.34 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	< 0.33 U	< 0.27 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	1 J	< 29.6 U
MW-39	MW-39	6/15/2020	59	< 5.5 U	49.3	**47.5**	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 2.7 U	**1,380**	**4.8 J**	**533**	< 2.6 U	89.5	< 1.2 U	< 1.2 U	17.4	206
MW-39	MW-39	9/22/2020	103	< 5.5 U	23.8	**16**	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 2.7 U	**130**	**3.1 J**	**467**	< 2.6 U	30.6	< 1.2 U	< 1.2 U	10	2,810
MW-39	MW-39	10/26/2020	85.2	< 1.1 U	9.4	3.5	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	< 0.65 U	< 0.54 U	**25.5**	< 0.35 U	**190**	< 0.52 U	2.6 J	< 1.2 U	< 1.2 U	10	5,020
MW-39	MW-39	11/17/2020	57.3	< 1.1 U	32.9	**34.3**	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	< 0.65 U	< 0.54 U	**116**	**1.7 J**	**984**	< 0.52 U	49.7	< 1.2 U	< 1.2 U	20.3	5,380
MW-39	MW-39	12/17/2020	40.8	< 5.5 U	38.5	**37.2**	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 2.7 U	**523**	**2.5 J**	**431**	< 2.6 U	40.7	< 1.2 U	< 1.2 U	97.7	3,030
MW-39	MW-39	2/23/2021	59.7	< 2.8 U	116	**83.3**	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	< 1.6 U	< 1.3 U	**1,410**	**6.5**	**1,590**	< 1.3 U	**153**	< 1.2 U	< 1.2 U	208	2,770
MW-40	MW-40	6/15/2020	**7,890**	< 55.2 U	262	**157**	< 28 U	< 24.6 U	< 134 U	< 58.1 U	< 118 U	< 32.6 U	< 26.9 U	**172**	< 17.5 U	**586**	< 26.2 U	< 46.4 U	< 1.2 U	< 1.2 U	4	< 29.6 U
MW-40	MW-40	9/22/2020	**2,940**	< 5.5 U	104	**68.4**	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 2.7 U	**48.3**	**7.8 J**	**785**	< 2.6 U	5 J	< 1.2 U	< 1.2 U	73.6	1,610
MW-40	MW-40	10/27/2020	**2,670**	< 11 U	55.7	**34.7**	< 5.6 U	< 4.9 U	< 26.8 U	< 11.6 U	< 23.5 U	< 6.5 U	< 5.4 U	**24.2**	**7.6 J**	**724**	< 5.2 U	< 9.3 U	< 1.2 U	1.4 J	101	8,640
MW-40	MW-40	11/19/2020	**2,590**	< 13.8 U	105	**35.2**	< 7 U	< 6.2 U	< 33.6 U	< 14.5 U	< 29.4 U	< 8.2 U	< 6.7 U	**18.3 J**	**6 J**	**492**	< 6.5 U	< 11.6 U	< 1.2 U	< 1.2 U	27.7	15,000
MW-40	MW-40	12/17/2020	**2,150**	< 13.8 U	196	**46.5**	< 7 U	< 6.2 U	< 33.6 U	< 14.5 U	< 29.4 U	< 8.2 U	< 6.7 U	**16.4 J**	**8.4 J**	**496**	< 6.5 U	< 11.6 U	< 1.2 U	< 1.2 U	49.4	15,700
MW-40	MW-40	2/23/2021	**2,150**	< 11 U	518	**55.3**	< 5.6 U	< 4.9 U	< 26.8 U	< 11.6 U	< 23.5 U	< 6.5 U	< 5.4 U	**9.7 J**	**13.3 J**	**863**	< 5.2 U	< 9.3 U	< 1.2 U	< 1.2 U	22.9	17,200
MW-41	MW-41	6/15/2020	1.6	< 0.55 U	0.41 J	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	1.2	< 0.27 U	**60.5**	< 0.17 U	7.8	< 0.26 U	< 0.46 U	< 1.2 U	< 1.2 U	< 0.66 U	< 29.6 U
MW-41	MW-41	9/21/2020	2.8	< 0.55 U	3.8	**39.7**	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.99 J	< 0.27 U	**216**	**1.1**	**4,960**	< 0.26 U	2.4	< 1.2 U	< 1.2 U	270	1,940
MW-41	MW-41	10/26/2020	< 6.1 U	< 13.8 U	< 6.8 U	**32.5**	< 7 U	< 6.2 U	< 33.6 U	< 14.5 U	< 29.4 U	< 8.2 U	< 6.7 U	**3,940**	< 4.4 U	**6,720**	< 6.5 U	**175**	< 1.2 U	< 1.2 U	265	3,250
MW-41	MW-41	11/18/2020	< 6.1 U	< 13.8 U	< 6.8 U	**43.1**	< 7 U	< 6.2 U	< 33.6 U	< 14.5 U	< 29.4 U	< 8.2 U	< 6.7 U	**3,210**	< 4.4 U	**8,580**	< 6.5 U	42.1	< 1.2 U	< 1.2 U	317	3,330
MW-41	MW-41	12/16/2020	< 24.5 U	< 55.2 U	< 27.3 U	**76.8 J**	< 28 U	< 24.6 U	< 134 U	< 58.1 U	< 118 U	< 32.6 U	< 26.9 U	**4,070**	**102**	**11,200**	< 26.2 U	< 46.4 U	< 1.2 U	< 1.2 U	558	4,420
MW-41	MW-41	2/22/2021	< 24.5 U	< 55.2 U	< 27.3 U	< 24.5 U	< 28 U	< 24.6 U	< 134 U	< 58.1 U	< 118 U	< 32.6 U	< 26.9 U	**8,740**	< 17.5 U	**2,520**	< 26.2 U	< 46.4 U	< 1.2 U	< 1.2 U	271	4,670
MW-42	MW-42	6/15/2020	5.2	< 2.8 U	4.3 J	**15.3**	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	< 1.6 U	< 1.3 U	**2,150**	**1.2 J**	**1,760**	< 1.3 U	< 2.3 U	< 1.2 U	< 1.2 U	1,700	27,500
MW-42	MW-42	9/21/2020	< 0.61 U	< 1.4 U	4.1	0.9 J	< 0.7 U	< 0.62 U	4.7 J	< 1.5 U	< 2.9 U	< 0.82 U	< 0.67 U	**237**	**0.52 J**	**241**	< 0.65 U	< 1.2 U	< 1.2 U	< 1.2 U	4,460	22,800
MW-42	MW-42	10/26/2020	0.87 J	< 1.4 U	< 0.68 U	4.6	< 0.7 U	< 0.62 U	< 3.4 U	< 1.5 U	< 2.9 U	0.94 J	< 0.67 U	**1,080**	**0.65 J**	**783**	< 0.65 U	1.6 J	< 1.2 U	< 1.2 U	6,010	8,540
MW-42	MW-42	11/18/2020	< 2.4 U	< 5.5 U	< 2.7 U	6.5 J	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 2.7 U	**2,930**	< 1.7 U	**2,730**	< 2.6 U	7.9 J	< 1.2 U	< 1.2 U	3,190	5,400
MW-42	MW-42	12/16/2020	< 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	< 2.7 U	**1,150**	**3.1 J**	**726**	< 2.6 U	< 4.6 U	< 1.2 U	< 1.2 U	8,700	9,220
MW-42	MW-42	2/22/2021	< 6.1 U	< 13.8 U	< 6.8 U	< 6.1 U	< 7 U	< 6.2 U	< 33.6 U	< 14.5 U	< 29.4 U	< 8.2 U	< 6.7 U	**1,730**	**7.7 J**	**905**	< 6.5 U	< 11.6 U	< 1.2 U	2.8 J	4,590	7,520
OP-01	OP-1	6/17/2020	136	< 2.8 U	23.4	2.8 J	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	< 1.6 U	< 1.3 U	**345**	**2.2 J**	**193**	< 1.3 U	3.5 J	NA	NA	NA	NA
OP-02	OP-2	6/16/2020	**326**	< 1.1 U	42.2	**17**	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	1.3 J	< 0.54 U	**414**	< 0.35 U	**762**	< 0.52 U	3.8	< 1.2 U	< 1.2 U	< 0.66 U	< 29.6 U
OP-02	OP-2	9/22/2020	**316**	< 1.1 U	297	**16.5**	< 0.56 U	< 0.49 U	3.8 J	< 1.2 U	< 2.4 U	< 0.65 U	< 0.54 U	**32.1**	**132**	**591**	< 0.52 U	3.1 J	20.5	23.7	2,540	1,450
OP-02	OP-2	10/27/2020	**255**	< 1.1 U	162	**14.2**	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	< 0.65 U	< 0.54 U	**70**	**99.1**	**522**	< 0.52 U	4.2	10	14.1	4,500	808
OP-02	OP-2	11/19/2020	**223**	< 2.8 U	112	**8.5**	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	< 1.6 U	< 1.3 U	**34.3**	**126**	**350**	< 1.3 U	2.4 J	5.7	7.9	1,570	1,610
OP-02	OP-2	12/17/2020	192	< 2.8 U	137	**9.2**	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	< 1.6 U	< 1.3 U	**41**	**123**	**297**	< 1.3 U	3.3 J	10.9	12.7	2,080	1,720
OP-02	OP-2	2/23/2021	150	< 2.8 U	166	6.9	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	< 1.6 U	< 1.3 U	**53.9**	**87.9**	**254**	< 1.3 U	3.9 J	8.2	5.5	2,220	2,700
OP-03	OP-3	6/17/2020	**364**	< 2.8 U	129	**60.6**	< 1.4 U	< 1.2 U	10.3 J	< 2.9 U	< 5.9 U	< 1.6 U	< 1.3 U	**593**	**47.9**	**439**	< 1.3 U	4.5 J	8.6	5.7	375	652
OP-03	OP-3	9/22/2020	**472**	< 2.8 U	55.3	**18**	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	< 1.6 U	< 1.3 U	**58.2**	**1.2 J**	**115**	< 1.3 U	< 2.3 U	< 1.2 U	< 1.2 U	2 J	2,100
OP-03	OP-3	10/27/2020	**721**	< 2.8 U	80.5	**29**	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	< 1.6 U	< 1.3 U	**608**	**16.1**	**363**	< 1.3 U	4.2 J	2.1 J	1.5 J	175	1,780
OP-03	OP-3	11/19/2020	197	< 1.1 U	20.3	**10.6**	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	< 0.65 U	< 0.54 U	**92.6**	**8.5**	**122**	< 0.52 U	< 0.93 U	< 1.2 U	< 1.2 U	63.5	4,060
OP-03	OP-3	12/17/2020	80.2	< 1.1 U	43.3	**22**	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	< 0.65 U	< 0.54 U	**252**	**28.2**	**264**	< 0.52 U	1.7 J	1.9 J	1.8 J	232	2,750
OP-03	OP-3	2/23/2021	40.5	< 1.1 U	86.9	**21.9**	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	< 0.65 U	< 0.54 U	**832**	**41**	**427**	< 0.52 U	2.4 J	< 1.2 U	< 1.2 U	128	1,480
OP-04	OP-4	6/17/2020	**275**	< 1.1 U	45.6	**24.8**	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	< 0.65 U	< 0.54 U	**81.3**	**2.8**	**119**	< 0.52 U	1.3 J	NA	NA	NA	NA
OP-05	OP-5	6/18/2020	< 2.4 U	< 5.5 U	8.3 J	3.8 J	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 2.7 U	**51.9**	**118**	**977**	< 2.6 U	< 4.6 U	5.6	4.5 J	199	2,470
OP-05	OP-5	9/22/2020	< 2.4 U	< 5.5 U	20.8	**10.5**	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 2.7 U	< 2.6 U	**606**	**3,680**	< 2.6 U	9.5 J	11.3	20.4	749	36,800

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
June 2020 Through February 2021
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

			Manganese, dissolved	Nitrate as N (mg/L)	Sulfate (mg/L)	Alkalinity, total as CaCO3 (mg/L)	Total Organic Carbon (mg/L)
		PAL	60	1			
		ES	300	10			
MW-25	MW-25	6/19/2020	NA	NA	NA	NA	NA
MW-25	MW-25	11/20/2020	NA	NA	NA	NA	NA
MW-27	MW-27	6/19/2020	NA	NA	NA	NA	NA
MW-27	MW-27	11/20/2020	NA	NA	NA	NA	NA
MW-29	MW-29	6/19/2020	NA	NA	NA	NA	NA
MW-29	MW-29	11/20/2020	NA	NA	NA	NA	NA
MW-37R	MW-37R	6/15/2020	NA	< 0.044 U	11.6	176	1.4
MW-37R	MW-37R	9/21/2020	NA	< 0.044 U	45.6	NA	2.2
MW-37R	MW-37R	10/26/2020	NA	< 0.044 U	44	NA	2.4
MW-37R	MW-37R	11/18/2020	NA	< 0.044 U	41.4	NA	2.2
MW-37R	MW-37R	12/16/2020	NA	< 0.044 U	49.8	NA	2.3
MW-37R	MW-37R	2/22/2021	NA	< 0.044 U	46.3	NA	1.3
MW-38	MW-38	6/15/2020	NA	NA	126	255	1.5
MW-38	MW-38	9/21/2020	NA	0.19	75.3	NA	1.4
MW-38	MW-38	10/26/2020	NA	0.16	81.3	NA	1.6
MW-38	MW-38	11/18/2020	NA	0.17	88	NA	1.5
MW-38	MW-38	12/16/2020	NA	0.18	120	NA	1.5
MW-38	MW-38	2/22/2021	NA	0.071 J	91.7	NA	1.4
MW-39	MW-39	6/15/2020	NA	0.2	49.6	279	1.9
MW-39	MW-39	9/22/2020	NA	< 0.044 U	10.8	NA	17.1
MW-39	MW-39	10/26/2020	NA	< 0.044 U	27.4	NA	10.2
MW-39	MW-39	11/17/2020	NA	< 0.22 U	35.6	NA	7.6
MW-39	MW-39	12/17/2020	NA	0.16	57.1	NA	5.1
MW-39	MW-39	2/23/2021	NA	< 0.22 U	47.4	NA	2.1
MW-40	MW-40	6/15/2020	NA	< 0.044 U	68.4	408	2.5
MW-40	MW-40	9/22/2020	NA	< 0.044 U	31.9	NA	11.4
MW-40	MW-40	10/27/2020	NA	< 0.22 U	3.5 J	NA	44.8
MW-40	MW-40	11/19/2020	NA	< 0.044 U	3	NA	26.4
MW-40	MW-40	12/17/2020	NA	< 0.22 U	< 2.2 U	NA	20.6
MW-40	MW-40	2/23/2021	NA	< 0.22 U	< 2.2 U	NA	39.5
MW-41	MW-41	6/15/2020	NA	NA	33.9	349	3.8
MW-41	MW-41	9/21/2020	NA	< 0.044 U	52.1	NA	4.9
MW-41	MW-41	10/26/2020	NA	< 0.044 U	50.4	NA	8.8
MW-41	MW-41	11/18/2020	NA	< 0.44 U	46.9	NA	8.4
MW-41	MW-41	12/16/2020	NA	< 0.22 U	29.4	NA	9.6
MW-41	MW-41	2/22/2021	NA	< 0.044 U	56.2	NA	4.1
MW-42	MW-42	6/15/2020	NA	NA	19.6	434	93.5
MW-42	MW-42	9/21/2020	NA	< 0.22 U	8.4 J	NA	158
MW-42	MW-42	10/26/2020	NA	< 0.22 U	33.8	NA	45.8
MW-42	MW-42	11/18/2020	NA	< 0.22 U	14.9	NA	19
MW-42	MW-42	12/16/2020	NA	< 0.22 U	14.1	NA	35.7
MW-42	MW-42	2/22/2021	NA	< 0.22 U	48	NA	18.3
OP-01	OP-1	6/17/2020	NA	NA	NA	NA	NA
OP-02	OP-2	6/16/2020	NA	0.11 J	61.8	395	2.6
OP-02	OP-2	9/22/2020	NA	< 0.044 U	37.1	NA	5.1
OP-02	OP-2	10/27/2020	NA	< 0.044 U	38.1	NA	4.7
OP-02	OP-2	11/19/2020	NA	< 0.044 U	44.6	NA	7.2
OP-02	OP-2	12/17/2020	NA	< 0.044 U	45.3	NA	4.1
OP-02	OP-2	2/23/2021	NA	< 0.044 U	33	NA	4.5
OP-03	OP-3	6/17/2020	NA	0.054 J	58.2	404	2.5
OP-03	OP-3	9/22/2020	NA	< 0.044 U	54.4	NA	6.6
OP-03	OP-3	10/27/2020	NA	< 0.044 U	78.2	NA	3.2
OP-03	OP-3	11/19/2020	NA	< 0.044 U	48.2	NA	5.3
OP-03	OP-3	12/17/2020	NA	0.063 J	60.8	NA	3.2
OP-03	OP-3	2/23/2021	NA	< 0.044 U	57.3	NA	3.3
OP-04	OP-4	6/17/2020	NA	NA	NA	NA	NA
OP-05	OP-5	6/18/2020	NA	< 0.44 U	175	478	4.9
OP-05	OP-5	9/22/2020	NA	< 0.44 U	43.6	NA	62

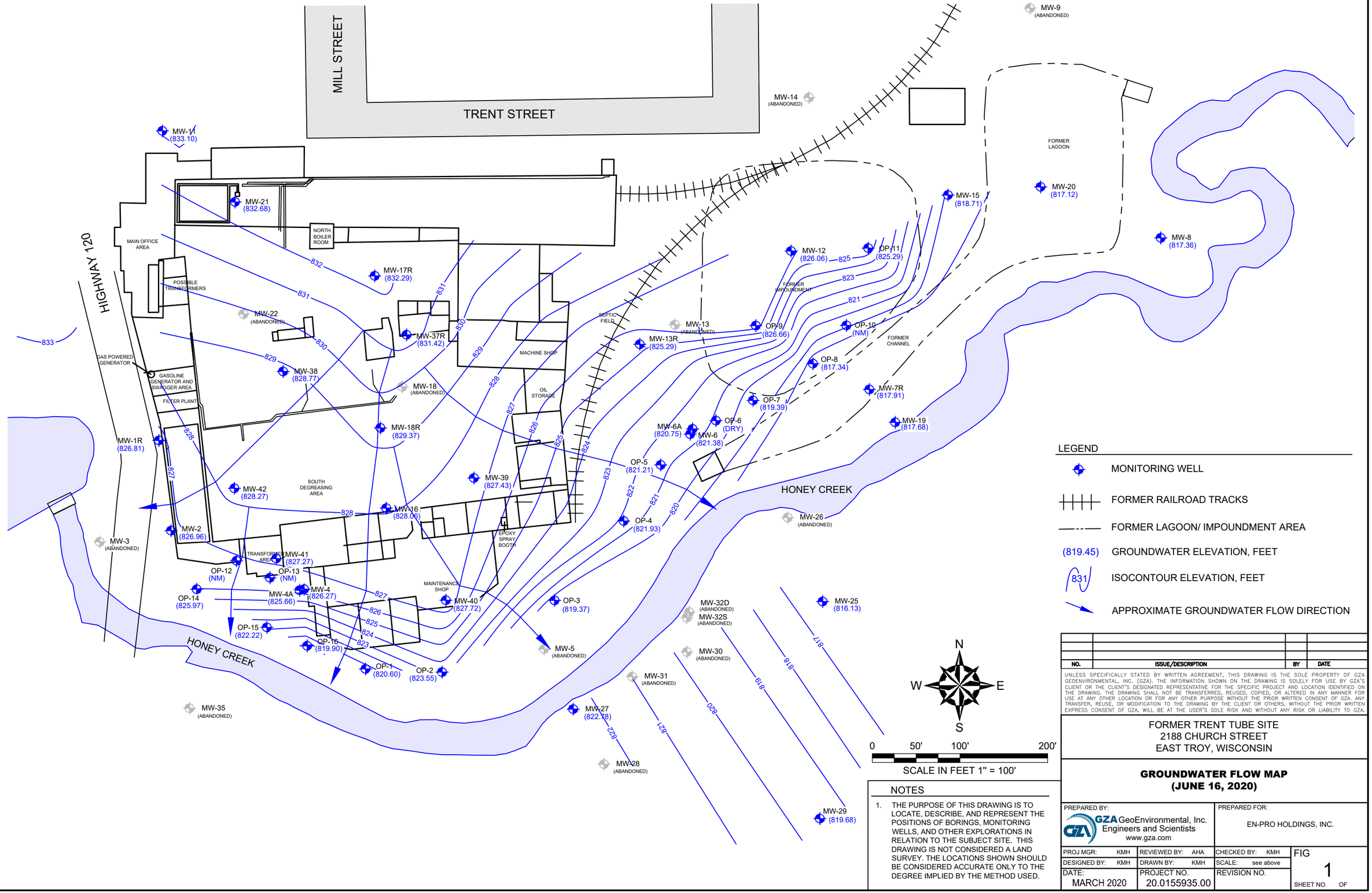
TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
June 2020 Through February 2021
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

			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	Methane	Iron, dissolved
		PAL	40	0.5	85	0.7		0.5	80	0.5	10	0.5	160	0.5	0.02	7		20				1000
		ES	200	5	850	7	5	5	400	5	100	5	800	5	0.2	70		100				
OP-05	OP-5	10/27/2020	< 12.2 U	< 27.6 U	16.6 J	< 12.2 U	< 14 U	< 12.3 U	< 67.1 U	< 29 U	< 58.8 U	< 16.3 U	< 13.5 U	< 12.8 U	**1,650**	**3,060**	< 13.1 U	< 23.2 U	16.4	153	1,320	52,800
OP-05	OP-5	11/17/2020	< 2.4 U	< 5.5 U	19.5	< 2.4 U	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 2.7 U	< 2.6 U	**1,710**	**434**	< 2.6 U	< 4.6 U	9.3	338	616	54,600
OP-05	OP-5	12/17/2020	0.32 J	< 0.55 U	18.7	< 0.24 U	< 0.28 U	< 0.25 U	1.9 J	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	< 0.26 U	**203**	25.2	< 0.26 U	< 0.46 U	19.8	901	1,370	55,800
OP-05	OP-5	2/23/2021	< 0.24 U	< 0.55 U	22.8	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	0.26 J	**3.8**	1.4	< 0.26 U	< 0.46 U	9.8	817	4,450	57,500
OP-07	OP-7	6/18/2020	< 12.2 U	< 27.6 U	< 13.6 U	**35.8 J**	< 14 U	< 12.3 U	< 67.1 U	< 29 U	< 58.8 U	< 16.3 U	< 13.5 U	**3,570**	**150**	**13,900**	< 13.1 U	32.2 J	1.9 J	2.7 J	12.7	1,760
OP-07	OP-7	9/22/2020	< 12.2 U	< 27.6 U	< 13.6 U	< 12.2 U	< 14 U	< 12.3 U	< 67.1 U	< 29 U	< 58.8 U	< 16.3 U	< 13.5 U	**112**	**909**	**4,600**	< 13.1 U	< 23.2 U	41.8	132	503	45,300
OP-07	OP-7	10/27/2020	< 12.2 U	< 27.6 U	< 13.6 U	< 12.2 U	< 14 U	< 12.3 U	< 67.1 U	< 29 U	< 58.8 U	< 16.3 U	< 13.5 U	**136**	**575**	**4,950**	< 13.1 U	< 23.2 U	22.1	93.4	176	14,000
OP-07	OP-7	11/17/2020	< 12.2 U	< 27.6 U	< 13.6 U	< 12.2 U	< 14 U	< 12.3 U	< 67.1 U	< 29 U	< 58.8 U	< 16.3 U	< 13.5 U	**30.3 J**	**541**	**2,280**	< 13.1 U	< 23.2 U	27.9	120	227	35,200
OP-07	OP-7	12/17/2020	< 2.4 U	< 5.5 U	3.9 J	< 2.4 U	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 2.7 U	**39.8**	**605**	**1,180**	< 2.6 U	12.3 J	8	44.3	75.7	23,500
OP-07	OP-7	2/23/2021	1.3 J	< 2.8 U	3.1 J	< 1.2 U	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	< 1.6 U	< 1.3 U	**14.7**	**457**	**761**	< 1.3 U	7.9	7.5	55.2	209	30,300
OP-08	OP-8	6/19/2020	< 0.24 U	< 0.55 U	4.2	**13.5**	0.33 J	0.27 J	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	**33.2**	**1,350**	**5,050**	< 0.26 U	20.1	NA	NA	NA	NA
OP-09	OP-9	6/16/2020	< 0.24 U	< 0.55 U	0.68 J	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	0.88 J	**41.7**	9	< 0.26 U	3.3	NA	NA	NA	NA
OP-09	OP-9	11/17/2020	< 0.24 U	< 0.55 U	1.3	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	0.52 J	**15**	5.1	< 0.26 U	< 0.46 U	NA	NA	NA	NA
OP-10	OP-10	6/19/2020	1.8	< 0.55 U	5.2	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	**13.1**	**14.2**	16.2	< 0.26 U	0.55 J	NA	NA	NA	NA
OP-11	OP-11	6/16/2020	< 0.24 U	< 0.55 U	1.3	< 0.24 U	< 0.28 U	0.4 J	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.27 U	< 0.26 U	**46**	0.84 J	< 0.26 U	< 0.46 U	NA	NA	NA	NA
OP-14	OP-14	6/16/2020	1.4 J	< 2.2 U	< 1.1 U	< 0.98 U	< 1.1 U	< 0.99 U	< 5.4 U	< 2.3 U	< 4.7 U	3.8 J	< 1.1 U	**168**	< 0.7 U	**209**	< 1 U	< 1.9 U	< 1.2 U	< 1.2 U	< 0.66 U	131
OP-14	OP-14	9/22/2020	1.2 J	< 2.2 U	3.2 J	< 0.98 U	< 1.1 U	< 0.99 U	< 5.4 U	< 2.3 U	< 4.7 U	< 1.3 U	< 1.1 U	**12.8**	**2 J**	**515**	< 1 U	4.3 J	< 1.2 U	< 1.2 U	55.9	4,880
OP-14	OP-14	10/27/2020	1.2 J	< 2.2 U	2.5 J	< 0.98 U	< 1.1 U	< 0.99 U	< 5.4 U	< 2.3 U	< 4.7 U	< 1.3 U	< 1.1 U	**36.3**	**1.1 J**	**439**	< 1 U	4.6 J	< 1.2 U	< 1.2 U	122	2,680
OP-14	OP-14	11/18/2020	< 0.98 U	< 2.2 U	3.3 J	< 0.98 U	< 1.1 U	< 0.99 U	< 5.4 U	< 2.3 U	< 4.7 U	< 1.3 U	< 1.1 U	**14.7**	< 0.7 U	**275**	< 1 U	2.4 J	< 1.2 U	< 1.2 U	151	2,380
OP-14	OP-14	12/17/2020	< 0.98 U	< 2.2 U	3.1 J	< 0.98 U	< 1.1 U	< 0.99 U	< 5.4 U	< 2.3 U	< 4.7 U	< 1.3 U	< 1.1 U	**11.8**	< 0.7 U	**272**	< 1 U	3 J	< 1.2 U	< 1.2 U	67.5	3,840
OP-14	OP-14	2/22/2021	< 0.98 U	< 2.2 U	2.7 J	< 0.98 U	< 1.1 U	< 0.99 U	< 5.4 U	< 2.3 U	< 4.7 U	< 1.3 U	< 1.1 U	**9.5**	**8.2**	**266**	< 1 U	2.3 J	< 1.2 U	< 1.2 U	230	4,650
OP-15	OP-15	6/16/2020	14.6	1.4 J	8.6	1.7 J	< 0.7 U	< 0.62 U	< 3.4 U	< 1.5 U	< 2.9 U	**21.6**	< 0.67 U	**312**	**33**	**342**	< 0.65 U	7.7	NA	NA	NA	NA

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
June 2020 Through February 2021
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

			Manganese, dissolved	Nitrate as N (mg/L)	Sulfate (mg/L)	Alkalinity, total as CaCO3 (mg/L)	Total Organic Carbon (mg/L)
		PAL	60	1			
		ES	300	10			
OP-05	OP-5	10/27/2020	NA	< 0.22 U	4.5 J	NA	41.7
OP-05	OP-5	11/17/2020	NA	< 0.044 U	2.4	NA	55.7
OP-05	OP-5	12/17/2020	NA	< 0.22 U	< 2.2 U	NA	36.2
OP-05	OP-5	2/23/2021	NA	< 0.22 U	< 2.2 U	NA	50.6
OP-07	OP-7	6/18/2020	NA	< 0.044 U	245	555	7.2
OP-07	OP-7	9/22/2020	NA	< 0.44 U	88.3	NA	73
OP-07	OP-7	10/27/2020	NA	< 0.22 U	118	NA	75.7
OP-07	OP-7	11/17/2020	NA	< 0.044 U	63.9	NA	56.2
OP-07	OP-7	12/17/2020	NA	< 0.22 U	205	NA	20.4
OP-07	OP-7	2/23/2021	NA	< 0.22 U	181	NA	10.8
OP-08	OP-8	6/19/2020	NA	NA	NA	NA	NA
OP-09	OP-9	6/16/2020	NA	NA	NA	NA	NA
OP-09	OP-9	11/17/2020	NA	NA	NA	NA	NA
OP-10	OP-10	6/19/2020	NA	NA	NA	NA	NA
OP-11	OP-11	6/16/2020	NA	NA	NA	NA	NA
OP-14	OP-14	6/16/2020	NA	NA	55.8	451	11.5
OP-14	OP-14	9/22/2020	NA	< 0.22 U	< 2.2 U	NA	138
OP-14	OP-14	10/27/2020	NA	< 0.044 U	5.1	NA	12.3
OP-14	OP-14	11/18/2020	NA	< 0.22 U	0.69 J	NA	23
OP-14	OP-14	12/17/2020	NA	< 0.044 U	1.4 J	NA	31.3
OP-14	OP-14	2/22/2021	NA	< 0.22 U	< 2.2 U	NA	13
OP-15	OP-15	6/16/2020	NA	NA	NA	NA	NA

FIGURES



LEGEND

- MONITORING WELL
- FORMER RAILROAD TRACKS
- FORMER LAGOON/ IMPOUNDMENT AREA
- (819.45) 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 16, 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 1
DESIGNED BY: KMH	DRAWN BY: KMH	SCALE: see above	
DATE: MARCH 2020	PROJECT NO. 20.0155935.00	REVISION NO.	SHEET NO. OF

MILL STREET

TRENT STREET

HIGHWAY 120

MW-11 (832.43)

MW-21

NORTH BOILER ROOM

MAIN STORAGE AREA

POSSIBLE TRANSFORMERS

MW-22 (ABANDONED)

MW-17R (831.16)

MW-37R (830.68)

MACHINE SHOP

GAS POWERED GENERATOR

GASOLINE GENERATOR AND SWAGGER AREA

FILTER PLANT

MW-38 (827.43)

MW-18 (ABANDONED)

MW-18R (828.36)

OIL STORAGE

MW-1R (826.06)

MW-42 (827.37)

SOUTH DEGREASING AREA

MW-16 (827.08)

MW-39 (826.50)

MW-3 (ABANDONED)

MW-2 (826.42)

TRANSFORMER AREA

MW-41 (826.26)

OP-12

OP-13

MW-4A

MW-4 (825.97)

OP-14 (823.83)

OP-15

OP-16

OP-1

OP-2 (820.31)

MAINTENANCE SHOP

MW-40 (827.04)

EPOXY SPRAY BOOTH

OP-3 (820.71)

MW-5 (ABANDONED)

MW-35 (ABANDONED)

MW-27 (823.10)

MW-28 (ABANDONED)

MW-29 (820.09)

MW-25 (817.35)

MW-32D (ABANDONED)

MW-32S (ABANDONED)

MW-30 (ABANDONED)

MW-31 (ABANDONED)

HONEY CREEK

MW-14 (ABANDONED)

MW-9 (ABANDONED)

FORMER LAGOON

MW-15 (819.89)

MW-20 (817.58)

MW-8

MW-12 (823.96)

OP-11

FORMER IMPOUNDMENT

SEPTIC FIELD

MW-13 (ABANDONED)

MW-13R (823.23)

OP-9 (824.07)

OP-10

FORMER CHANNEL

OP-8

OP-7 (819.26)

MW-7R (817.94)

MW-19 (817.67)

MW-6A

MW-6

OP-6

OP-5 (819.86)

OP-4

MW-26 (ABANDONED)

HONEY CREEK

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

LEGEND

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

N

W E

S

0 50' 100' 200'

SCALE IN FEET 1" = 100'

NOTES

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NO.	ISSUE/DESCRIPTION	BY	DATE

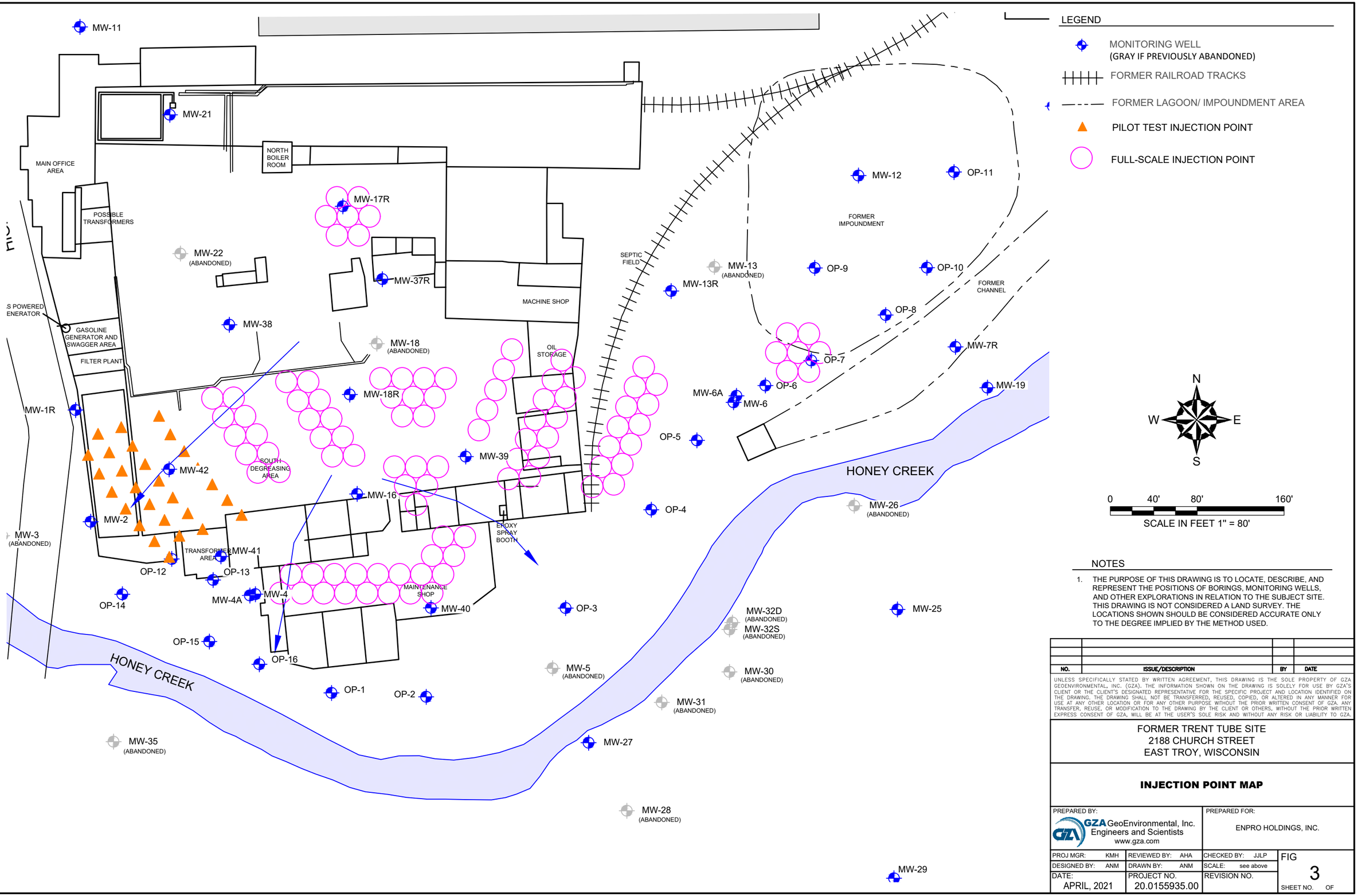
FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

GROUNDWATER FLOW MAP (NOVEMBER 17, 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 2
DESIGNED BY: KMH	DRAWN BY: KMH	SCALE: see above	
DATE: MARCH 2020	PROJECT NO. 20.0155935.00	REVISION NO.	SHEET NO. OF



NOTES

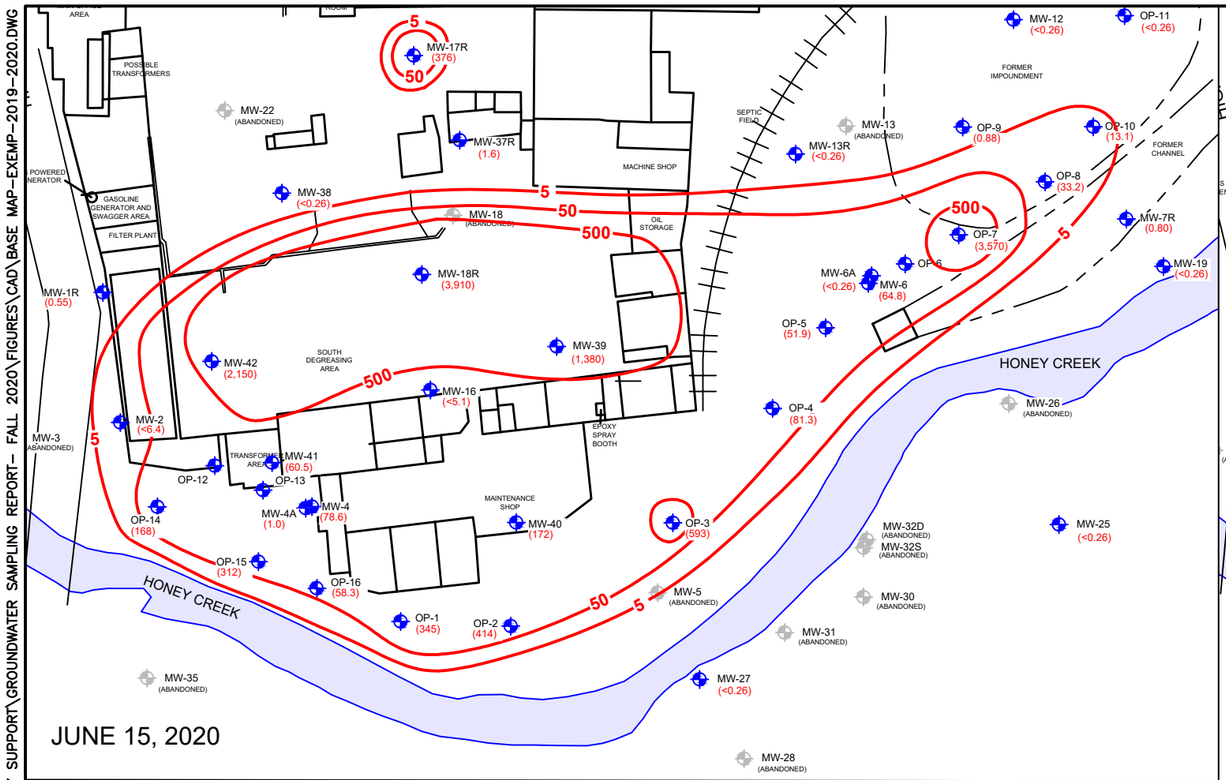
1. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF BORINGS, MONITORING WELLS, AND OTHER EXPLORATIONS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD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

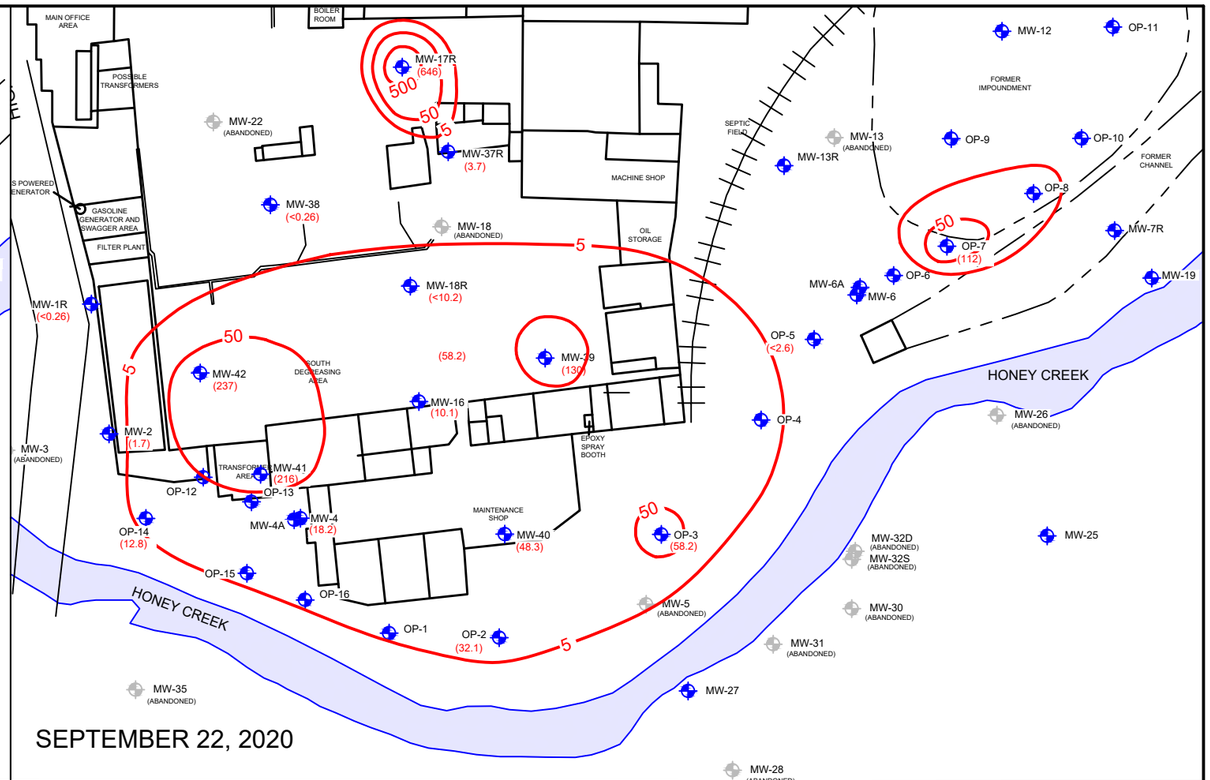
NO.	ISSUE/DESCRIPTION	BY	DATE

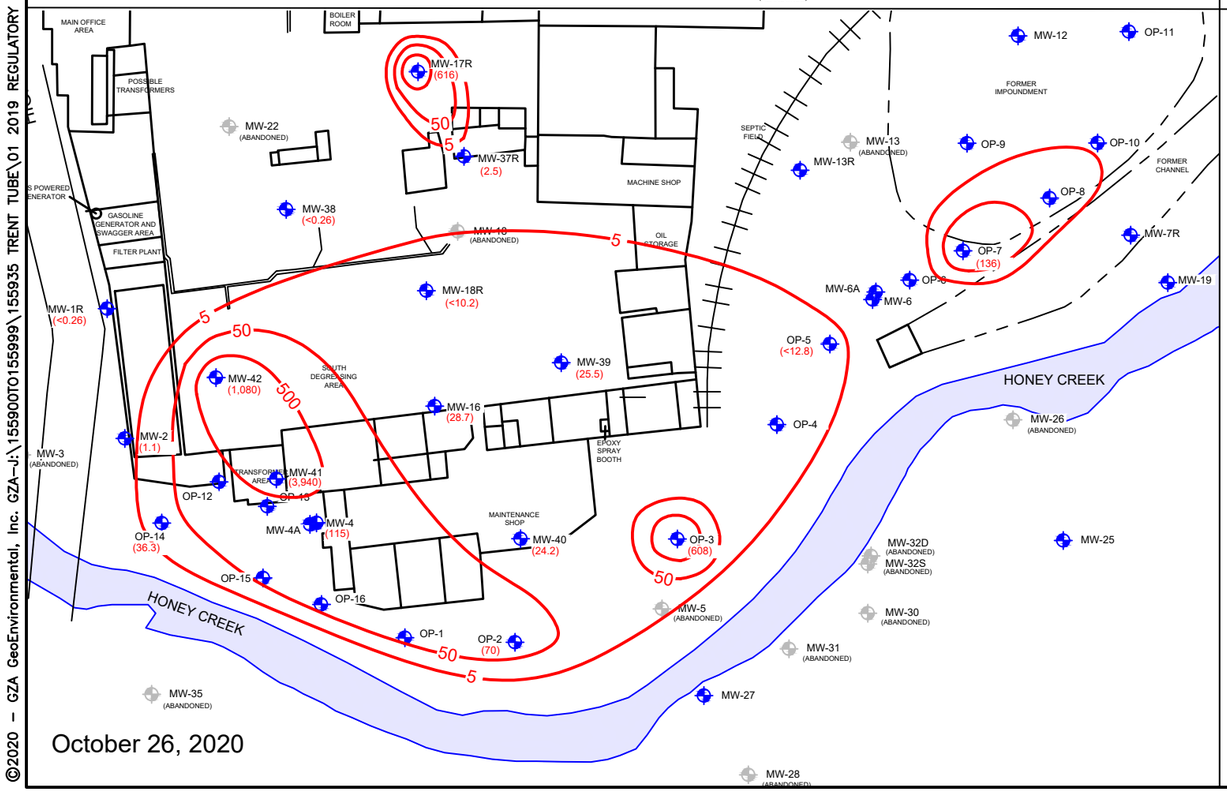
FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

INJECTION POINT MAP

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	
DATE: APRIL, 2021	PROJECT NO. 20.0155935.00	REVISION NO.	SHEET NO. OF







N
W E
S

0 60' 120' 240'

SCALE IN FEET 1" = 120'

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.

2. THE GROUNDWATER ENFORCEMENT STANDARD (ES) FOR TRICHLOROETHENE (TCE) IS 5 MICROGRAMS PER LITER (µg/L).

LEGEND

- MONITORING WELL (GRAY IF PREVIOUSLY ABANDONED)
- FORMER RAILROAD TRACKS
- FORMER LAGOON/ IMPOUNDMENT AREA
- (5,150) TCE CONCENTRATION, µg/L
- 5 ISOCONCENTRATION CONTOUR, µg/L

NO.	ISSUE/DESCRIPTION	BY	DATE

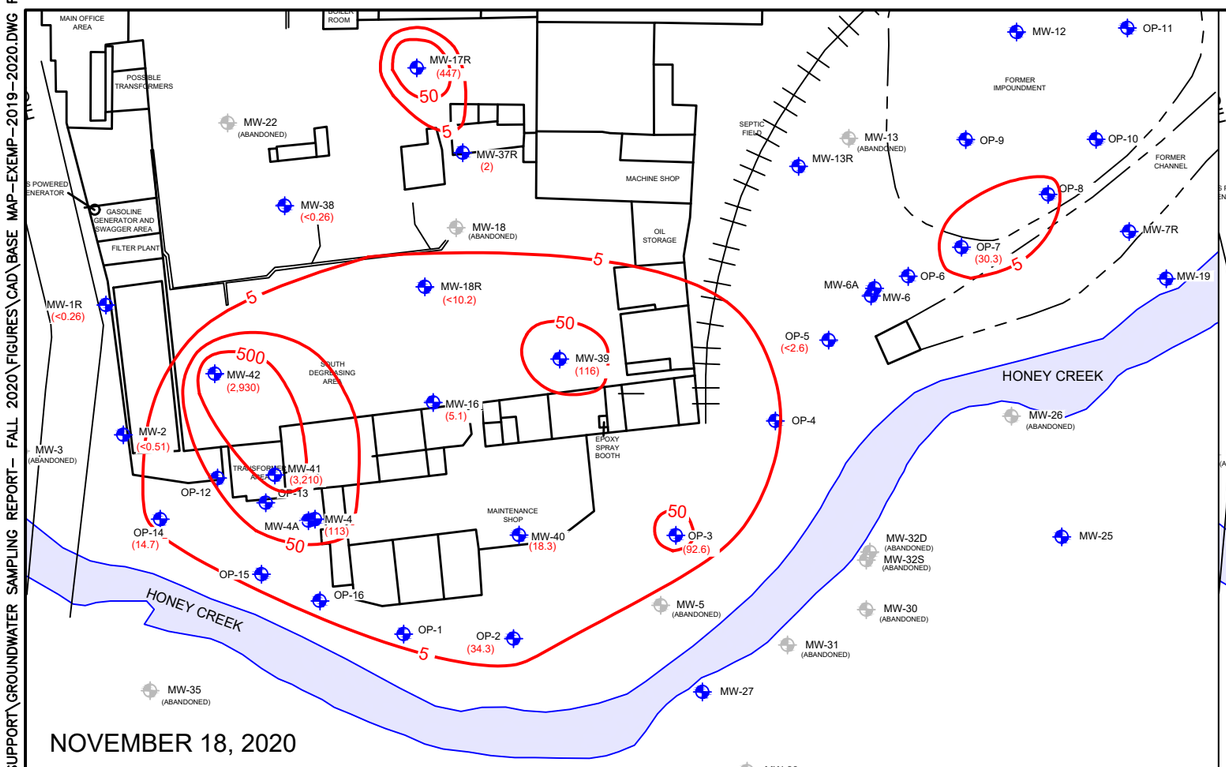
FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

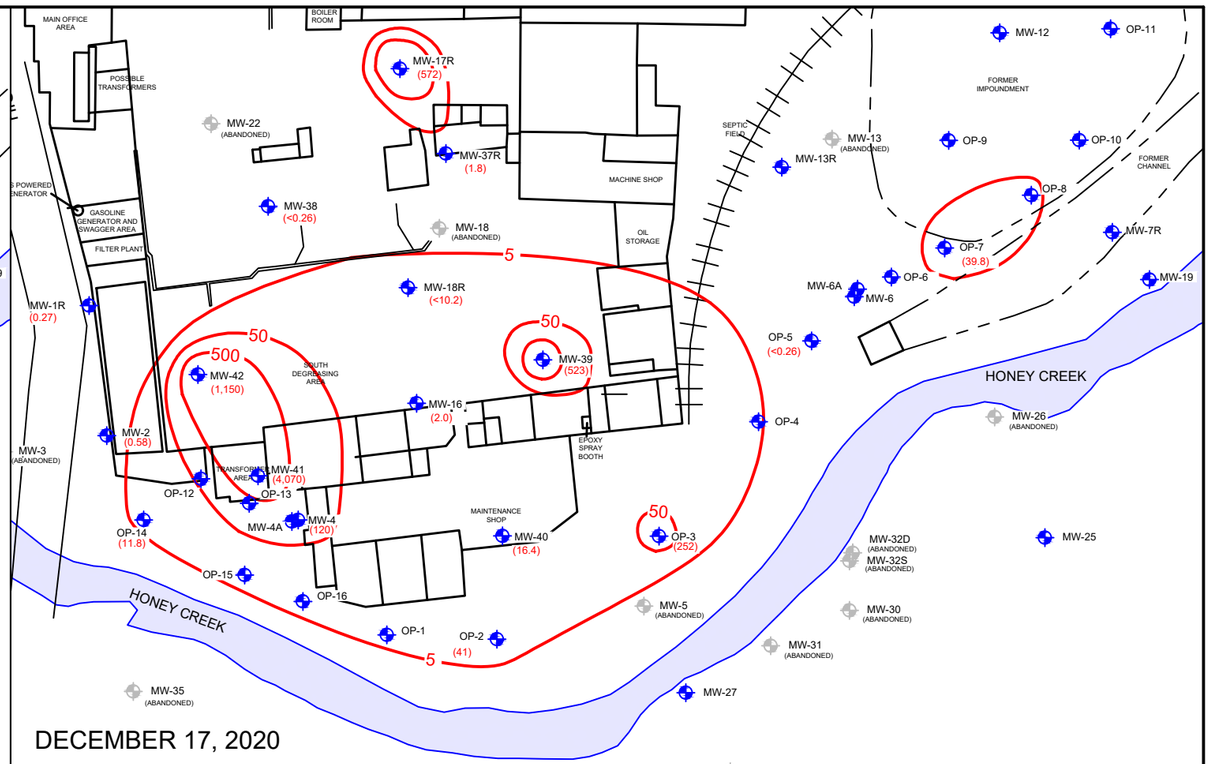
GROUNDWATER TCE DISTRIBUTION (JUNE 2020 - OCTOBER 2020)

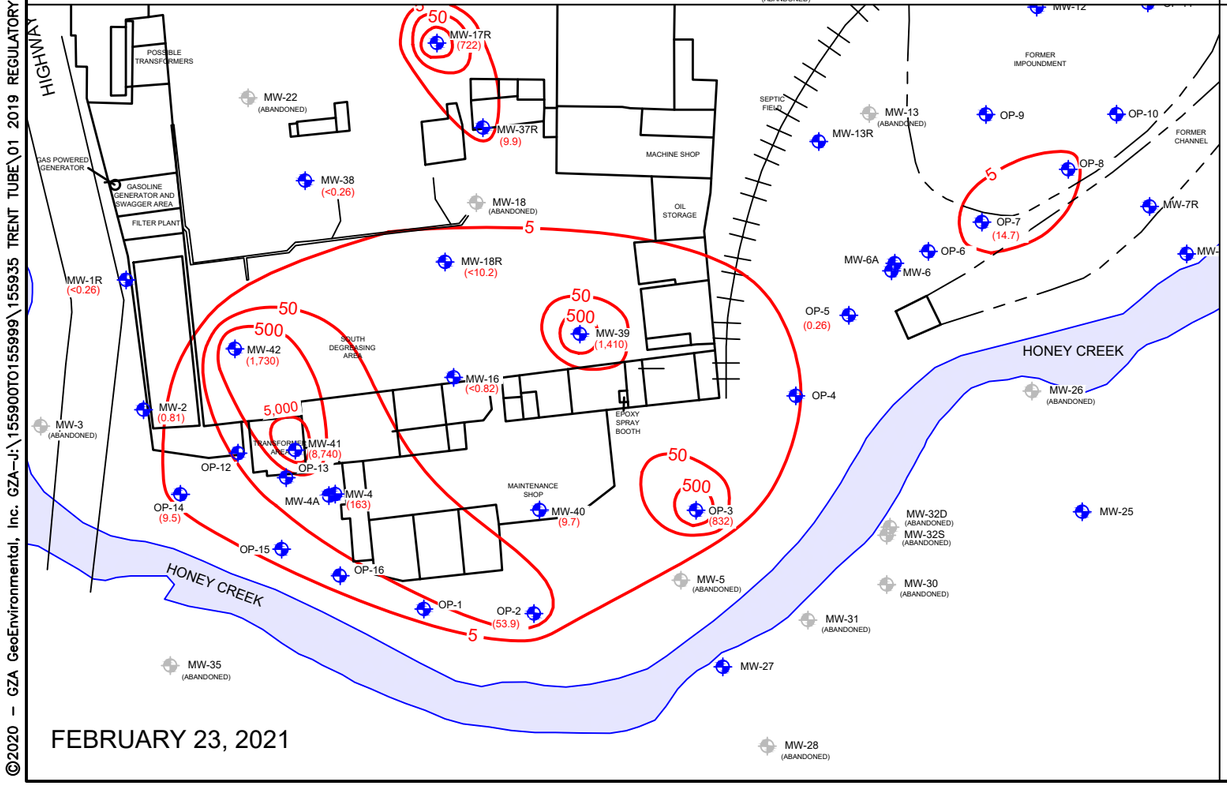
PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
ENPRO HOLDINGS, INC.

PROJ MGR: KMH	REVIEWED BY: AHA	CHECKED BY: KMH	FIG 4
DESIGNED BY: KMH	DRAWN BY: KMH	SCALE: see above	
DATE: APRIL, 2021	PROJECT NO. 20.0155935.00	REVISION NO.	SHEET NO. OF







LEGEND

- MONITORING WELL (GRAY IF PREVIOUSLY ABANDONED)
- FORMER RAILROAD TRACKS
- FORMER LAGOON/ IMPOUNDMENT AREA
- (5,150) TCE CONCENTRATION, µg/L
- 5 ISOCONCENTRATION CONTOUR, µg/L

N W E S

0 60' 120' 240'

SCALE IN FEET 1" = 120'

NOTES

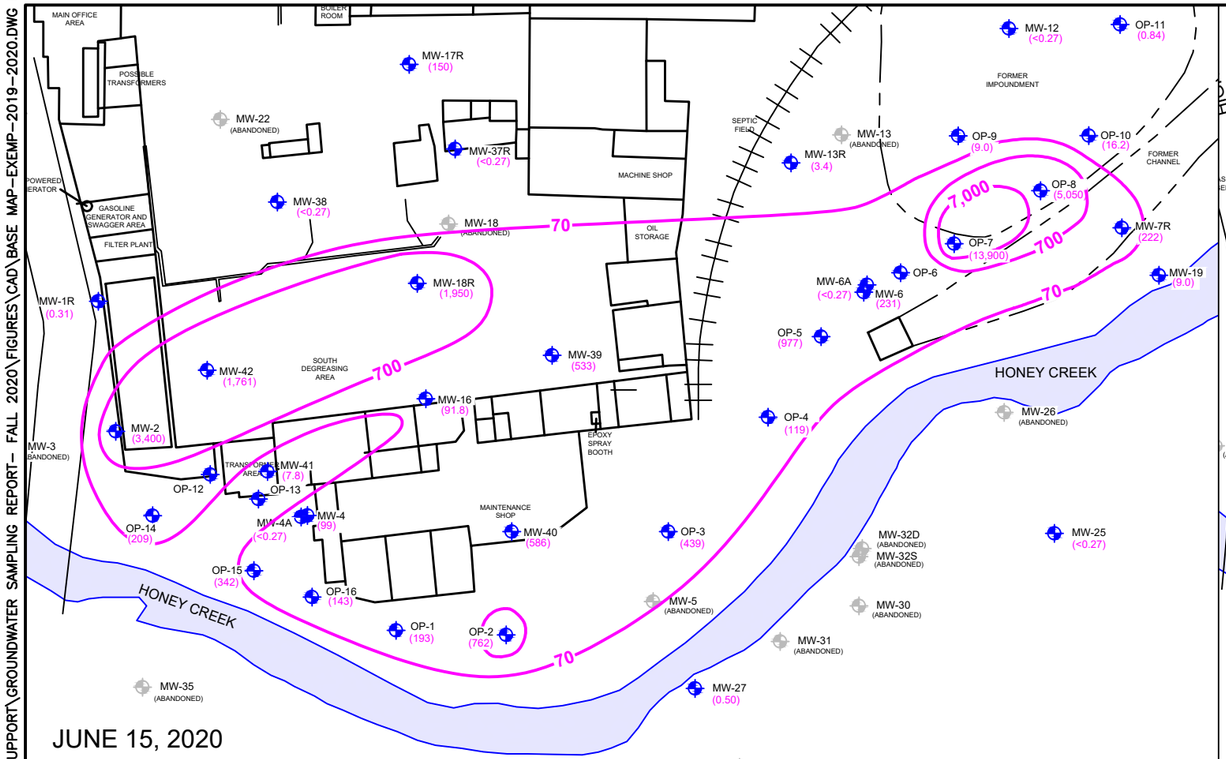
1. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF BORINGS, MONITORING WELLS, AND OTHER EXPLORATIONS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD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

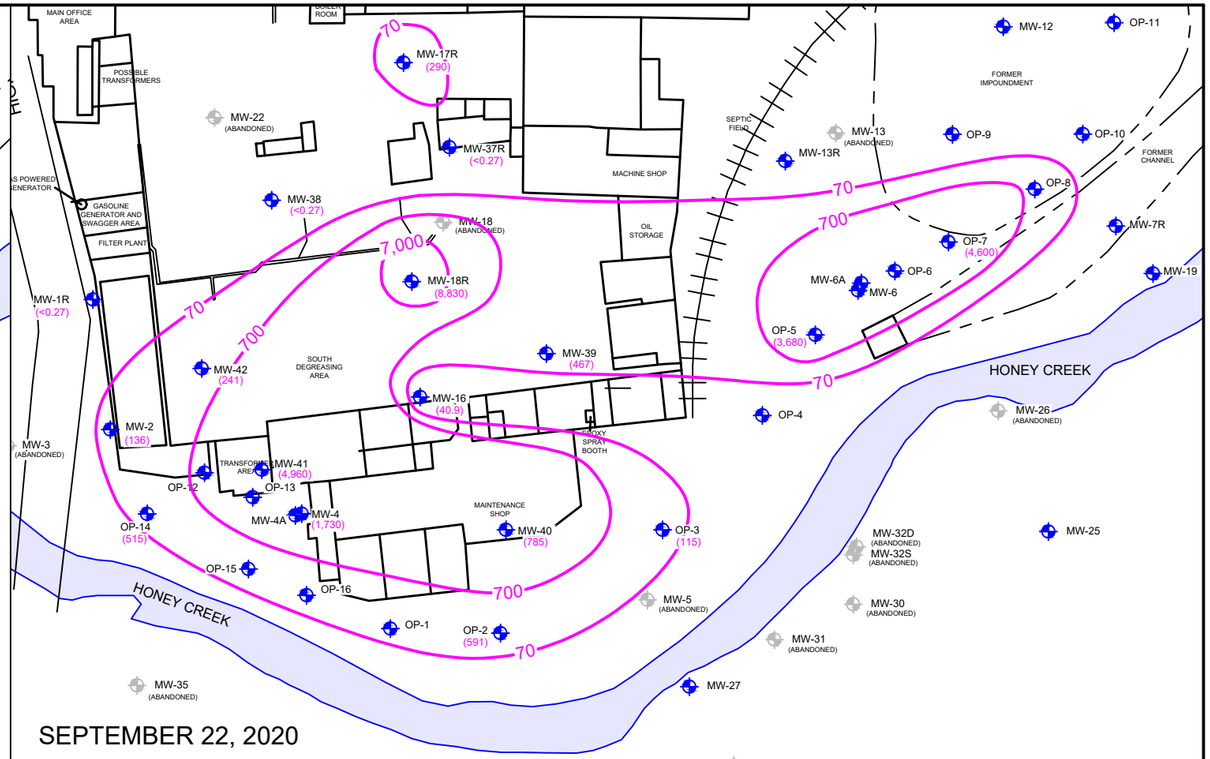
NO.	ISSUE/DESCRIPTION	BY	DATE

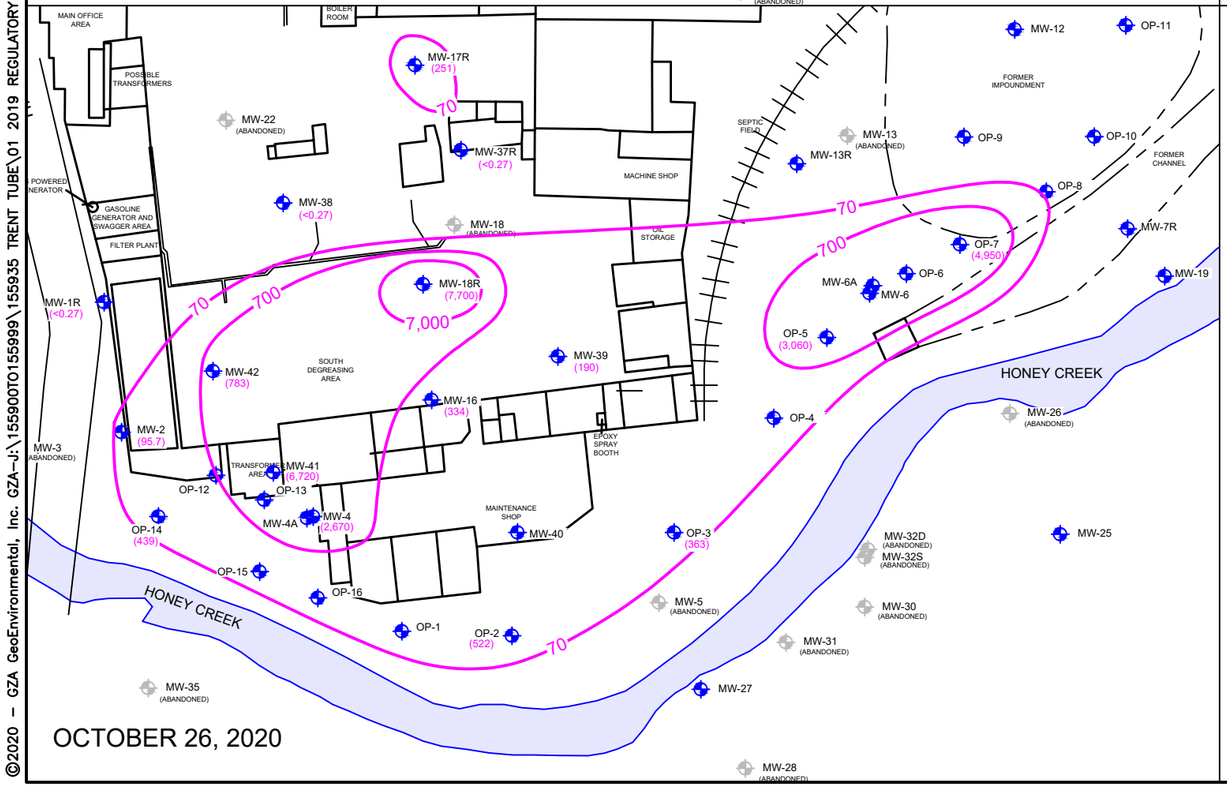
FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

GROUNDWATER TCE DISTRIBUTION (NOVEMBER 2020 - FEBRUARY 2021)

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: ENPRO HOLDINGS, INC.	
PROJ MGR: KMH	REVIEWED BY: AHA	CHECKED BY: KMH	FIG 5
DESIGNED BY: KMH	DRAWN BY: KMH	SCALE: see above	SHEET NO. OF
DATE: APRIL, 2021	PROJECT NO. 20.0155935.00	REVISION NO.	







LEGEND

- MONITORING WELL (GRAY IF PREVIOUSLY ABANDONED)
- FORMER RAILROAD TRACKS
- FORMER LAGOON/ IMPOUNDMENT AREA
- (461) CIS-1,2-DCE CONCENTRATION, µg/L
- 70 ISOCONCENTRATION CONTOUR, µg/L

N W E S

0 60' 120' 240'

SCALE IN FEET 1" = 120'

NOTES

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2. THE GROUNDWATER ENFORCEMENT STANDARD (ES) FOR TRICHLOROETHENE (TCE) IS 5 MICROGRAMS PER LITER (µg/L).

NO.	ISSUE/DESCRIPTION	BY	DATE

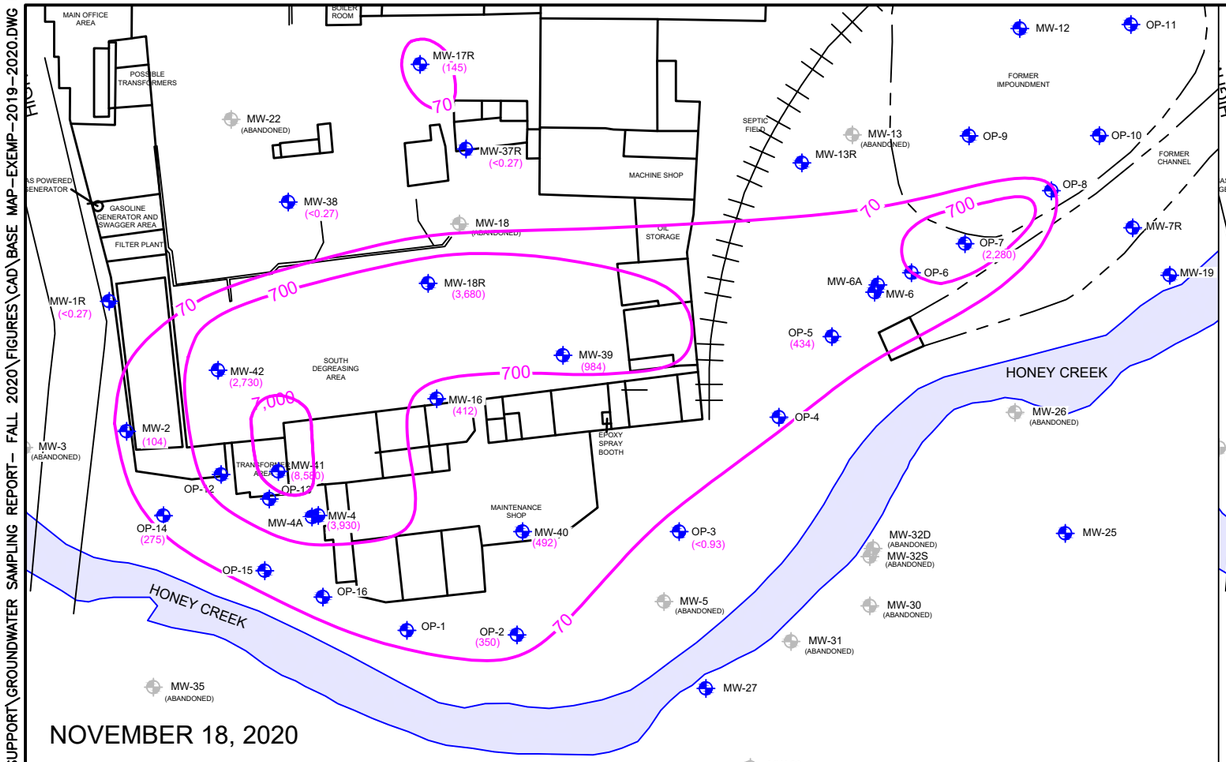
FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

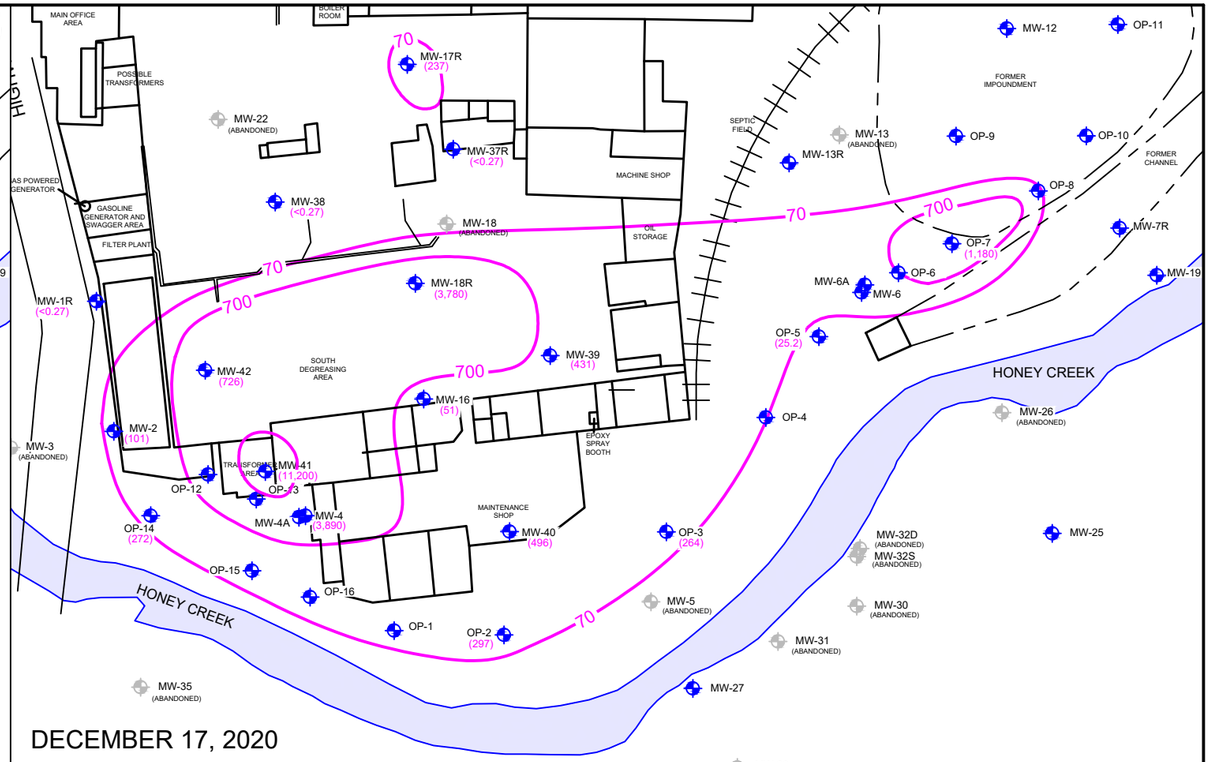
CIS-1,2-DCE GROUNDWATER DISTRIBUTION (JUNE 2020 - OCTOBER 2020)

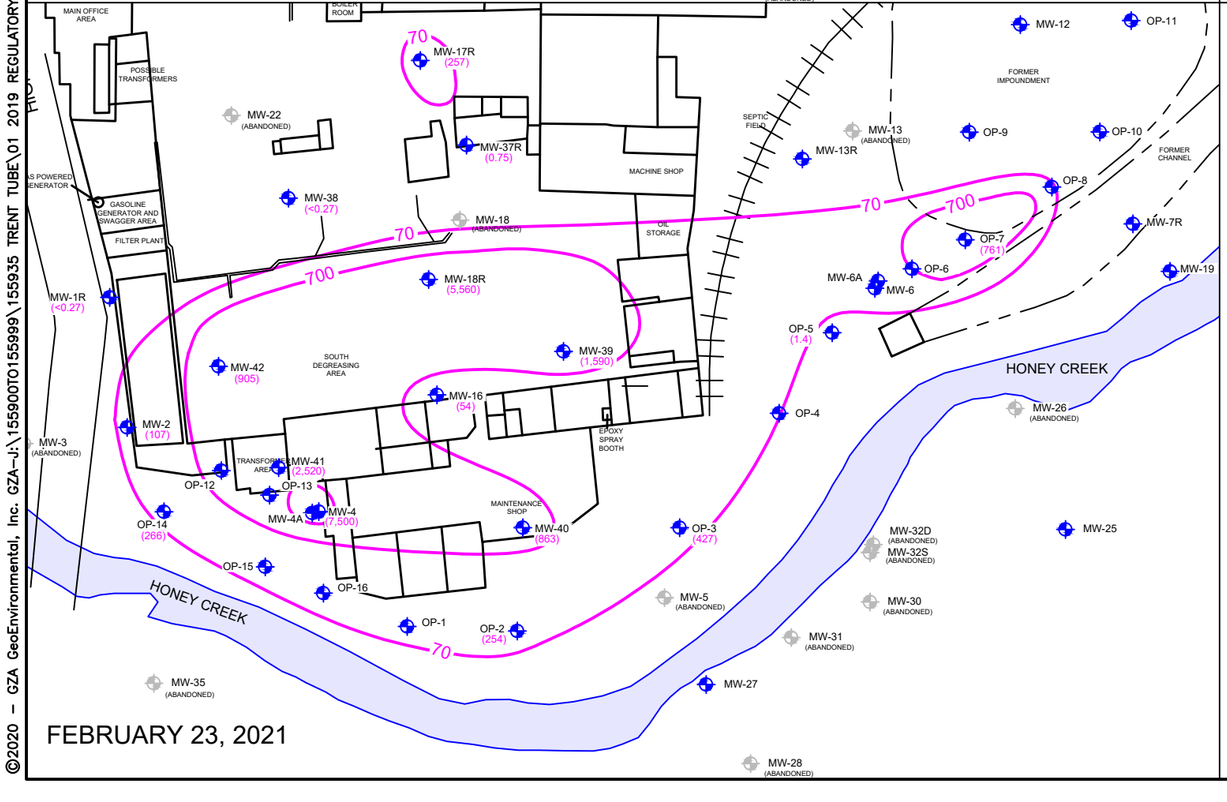
PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
ENPRO HOLDINGS, INC.

PROJ MGR: KMH	REVIEWED BY: AHA	CHECKED BY: KMH	FIG 6
DESIGNED BY: KMH	DRAWN BY: KMH	SCALE: see above	
DATE: APRIL, 2021	PROJECT NO. 20.0155935.00	REVISION NO.	SHEET NO. OF







LEGEND

- MONITORING WELL (GRAY IF PREVIOUSLY ABANDONED)
- FORMER RAILROAD TRACKS
- FORMER LAGOON/ IMPOUNDMENT AREA
- (461) CIS-1,2-DCE CONCENTRATION, µg/L
- 70 ISOCONCENTRATION CONTOUR, µg/L

N W E S

0 60' 120' 240'

SCALE IN FEET 1" = 120'

NOTES

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2. THE GROUNDWATER ENFORCEMENT STANDARD (ES) FOR TRICHLOROETHENE (TCE) IS 5 MICROGRAMS PER LITER (µg/L).

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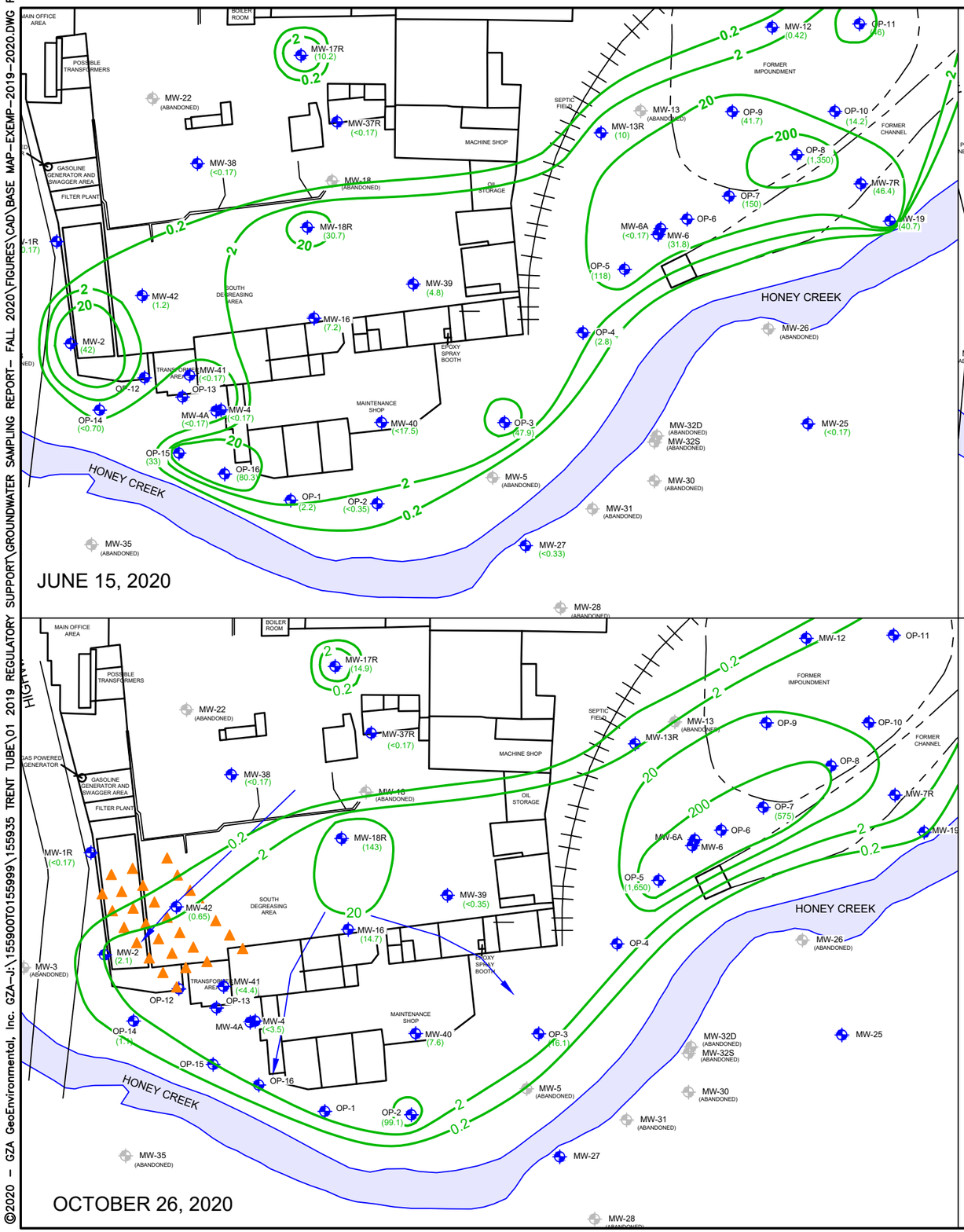
FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

CIS-1,2-DCE GROUNDWATER DISTRIBUTION (NOVEMBER 2020 - FEBRUARY 2021)

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

PREPARED FOR:
ENPRO HOLDINGS, INC.

PROJ MGR: KMH	REVIEWED BY: AHA	CHECKED BY: KMH	FIG 7
DESIGNED BY: KMH	DRAWN BY: KMH	SCALE: see above	SHEET NO. OF
DATE: APRIL, 2021	PROJECT NO. 20.0155935.00	REVISION NO.	



LEGEND

- MONITORING WELL (GRAY IF PREVIOUSLY ABANDONED)
- FORMER RAILROAD TRACKS
- FORMER LAGOON/ IMPOUNDMENT AREA
- (44) VINYL CHLORIDE CONCENTRATION, µg/L
- 2 ISOCONCENTRATION CONTOUR, µg/L

N W E S

0 60' 120' 240'

SCALE IN FEET 1" = 120'

NOTES

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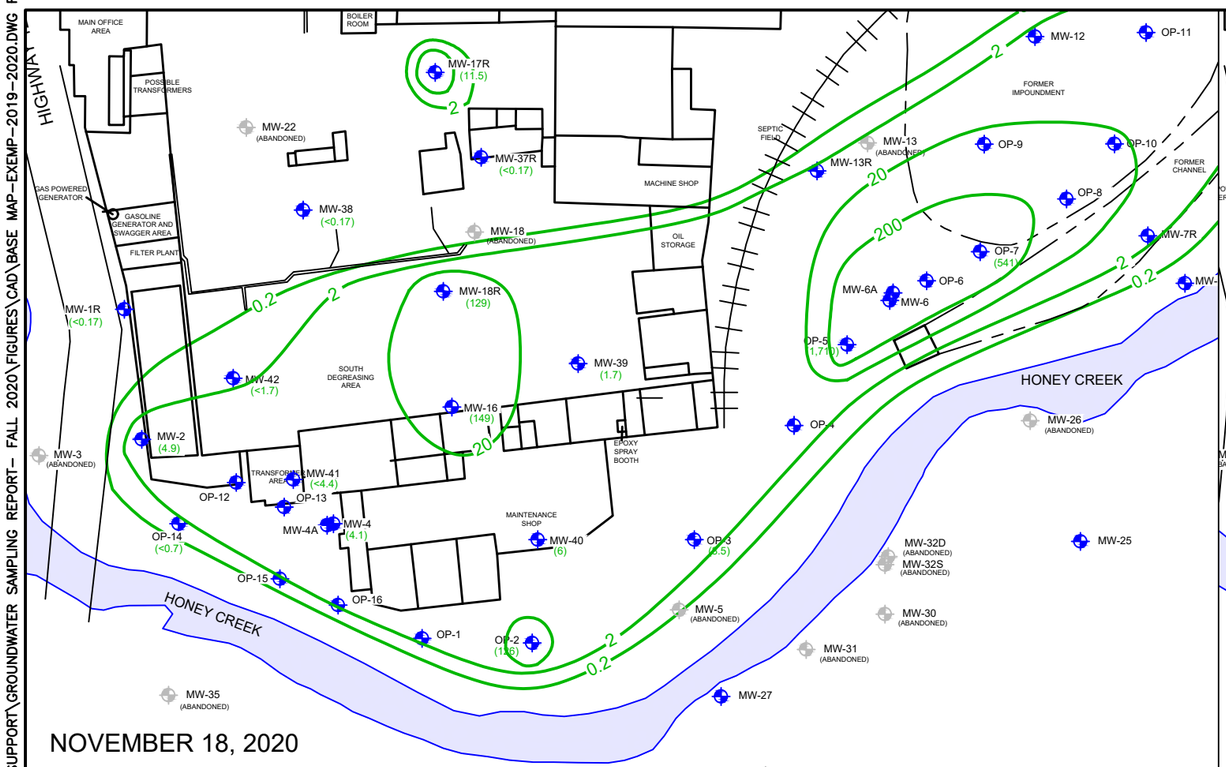
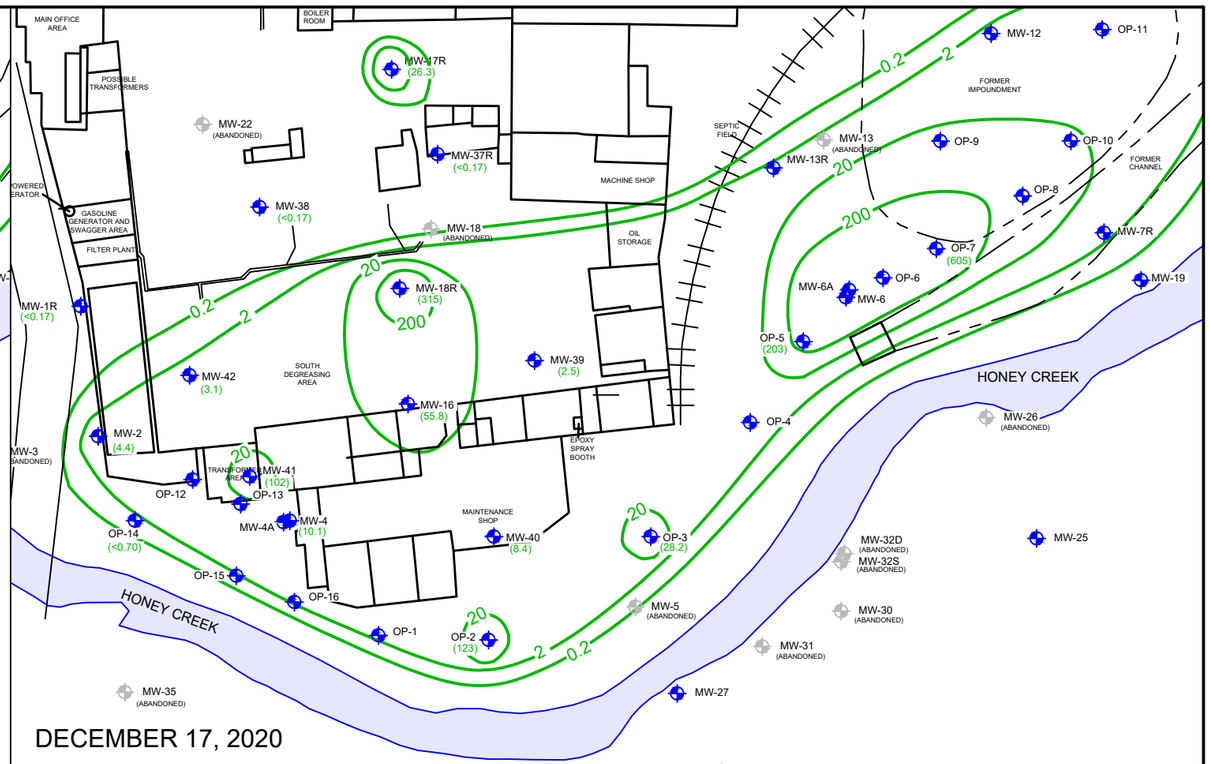
NO.	ISSUE/DESCRIPTION	BY	DATE

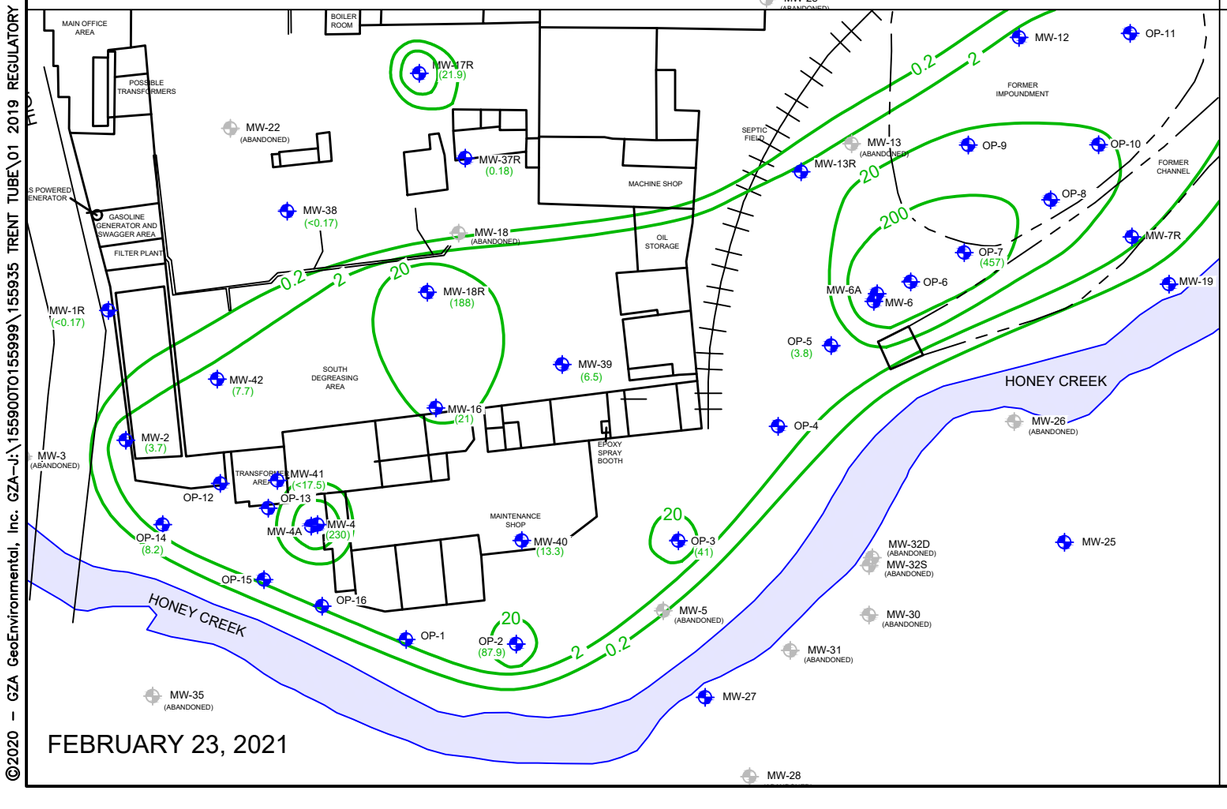
FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

GROUNDWATER VINYL CHLORIDE DISTRIBUTION (JUNE 2020 - OCTOBER 2020)

PREPARED BY:		PREPARED FOR:	
GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		ENPRO HOLDINGS, INC.	
PROJ MGR: KMH	REVIEWED BY: AHA	CHECKED BY: KMH	FIG
DESIGNED BY: KMH	DRAWN BY: KMH	SCALE: see above	8
DATE: APRIL, 2021	PROJECT NO. 20.0155935.00	REVISION NO.	SHEET NO. OF







LEGEND

- MONITORING WELL (GRAY IF PREVIOUSLY ABANDONED)
- FORMER RAILROAD TRACKS
- FORMER LAGOON/ IMPOUNDMENT AREA
- (44) VINYL CHLORIDE CONCENTRATION, µg/L
- 2 ISOCONCENTRATION CONTOUR, µg/L

N W E S

0 60' 120' 240'

SCALE IN FEET 1" = 120'

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NO.	ISSUE/DESCRIPTION	BY	DATE

FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

GROUNDWATER VINYL CHLORIDE DISTRIBUTION (NOVEMBER 2020 - FEBRUARY 2021)

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: ENPRO HOLDINGS, INC.	
PROJ MGR: KMH	REVIEWED BY: AHA	CHECKED BY: KMH	FIG 9
DESIGNED BY: KMH	DRAWN BY: KMH	SCALE: see above	SHEET NO. OF
DATE: APRIL, 2021	PROJECT NO. 20.0155935.00	REVISION NO.	

ATTACHMENT 1

Limitations

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 for Services 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 of 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. The nature and extent of variations between these explorations may not become evident until further exploration or construction. If variations or other latent conditions then become evident, it will be necessary to reevaluate the conclusions and recommendations of this report.
5. Water level readings have been made, as described in this report, in 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. We 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 is 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 interpretations of field screening and laboratory data are presented in the report. Unless otherwise noted, we relied upon the laboratory's QA/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. In the event that the Client or others authorized to use this report obtain additional 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, on the basis of 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 in the event that 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

Laboratory Analytical Reports and Chain-of-Custody Forms

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

November 24, 2020

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

RE: Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218582

Dear Kevin Hedinger:

Enclosed are the analytical results for sample(s) received by the laboratory on November 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.: 40218582

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.: 40218582

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40218582001	**MW-20**	Water	11/17/20 09:27	11/18/20 11:05
40218582002	**MW-15**	Water	11/17/20 09:58	11/18/20 11:05
40218582003	**MW-12**	Water	11/17/20 10:28	11/18/20 11:05
40218582004	**OP-9**	Water	11/17/20 10:58	11/18/20 11:05
40218582005	**MW-13R**	Water	11/17/20 11:28	11/18/20 11:05
40218582006	**MW-7R**	Water	11/17/20 12:02	11/18/20 11:05
40218582007	**MW-19**	Water	11/17/20 12:28	11/18/20 11:05
40218582008	**OP-7**	Water	11/17/20 12:54	11/18/20 11:05
40218582009	**OP-5**	Water	11/17/20 13:35	11/18/20 11:05
40218582010	**MW-39**	Water	11/17/20 14:10	11/18/20 11:05
40218582011	**DUP-1**	Water	11/17/20 00:00	11/18/20 11:05
40218582012	**TRIP**	Water	11/17/20 00:00	11/18/20 11:05

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.: 40218582

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40218582001	**MW-20**	EPA 8260	HNW	64	PASI-G
40218582002	**MW-15**	EPA 8260	HNW	64	PASI-G
40218582003	**MW-12**	EPA 8260	HNW	64	PASI-G
40218582004	**OP-9**	EPA 8260	HNW	64	PASI-G
40218582005	**MW-13R**	EPA 8260	HNW	64	PASI-G
40218582006	**MW-7R**	EPA 8260	HNW	64	PASI-G
40218582007	**MW-19**	EPA 8260	HNW	64	PASI-G
40218582008	**OP-7**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW, TMK	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218582009	**OP-5**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218582010	**MW-39**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW, TMK	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218582011	**DUP-1**	EPA 8260	HNW	64	PASI-G
40218582012	**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.: 40218582

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40218582002	**MW-15**					
EPA 8260	1,1,1-Trichloroethane	3.6	ug/L	1.0	11/19/20 14:33	
EPA 8260	1,1-Dichloroethane	5.5	ug/L	1.0	11/19/20 14:33	
EPA 8260	Naphthalene	23.7	ug/L	5.0	11/19/20 14:33	
EPA 8260	Trichloroethene	0.79J	ug/L	1.0	11/19/20 14:33	
EPA 8260	Vinyl chloride	154	ug/L	1.0	11/19/20 14:33	
EPA 8260	cis-1,2-Dichloroethene	57.6	ug/L	1.0	11/19/20 14:33	
40218582004	**OP-9**					
EPA 8260	1,1-Dichloroethane	1.3	ug/L	1.0	11/19/20 15:18	
EPA 8260	Trichloroethene	0.52J	ug/L	1.0	11/19/20 15:18	
EPA 8260	Vinyl chloride	15.0	ug/L	1.0	11/19/20 15:18	
EPA 8260	cis-1,2-Dichloroethene	5.1	ug/L	1.0	11/19/20 15:18	
40218582005	**MW-13R**					
EPA 8260	Vinyl chloride	1.1	ug/L	1.0	11/19/20 15:41	
EPA 8260	cis-1,2-Dichloroethene	2.0	ug/L	1.0	11/19/20 15:41	
EPA 8260	trans-1,2-Dichloroethene	0.47J	ug/L	1.5	11/19/20 15:41	
40218582006	**MW-7R**					
EPA 8260	1,1-Dichloroethane	2.1	ug/L	1.0	11/19/20 16:03	
EPA 8260	1,1-Dichloroethene	0.33J	ug/L	1.0	11/19/20 16:03	
EPA 8260	Vinyl chloride	91.6	ug/L	1.0	11/19/20 16:03	
EPA 8260	cis-1,2-Dichloroethene	151	ug/L	1.0	11/19/20 16:03	
EPA 8260	trans-1,2-Dichloroethene	0.81J	ug/L	1.5	11/19/20 16:03	
40218582007	**MW-19**					
EPA 8260	1,1-Dichloroethane	0.38J	ug/L	1.0	11/19/20 16:26	
EPA 8260	Vinyl chloride	5.6	ug/L	1.0	11/19/20 16:26	
EPA 8260	cis-1,2-Dichloroethene	1.0	ug/L	1.0	11/19/20 16:26	
40218582008	**OP-7**					
EPA 8015B Modified	Ethane	27.9	ug/L	5.6	11/19/20 13:46	
EPA 8015B Modified	Ethene	120	ug/L	5.0	11/19/20 13:46	
EPA 8015B Modified	Methane	227	ug/L	2.8	11/19/20 13:46	
EPA 6010	Iron, Dissolved	35200	ug/L	100	11/24/20 03:30	
EPA 8260	Trichloroethene	30.3J	ug/L	50.0	11/19/20 12:41	
EPA 8260	Vinyl chloride	541	ug/L	50.0	11/19/20 12:41	
EPA 8260	cis-1,2-Dichloroethene	2280	ug/L	50.0	11/19/20 12:41	
EPA 300.0	Sulfate	63.9	mg/L	10.0	11/19/20 13:23	
SM 5310C	Total Organic Carbon	56.2	mg/L	15.0	11/19/20 15:33	
40218582009	**OP-5**					
EPA 8015B Modified	Ethane	9.3	ug/L	5.6	11/19/20 11:23	
EPA 8015B Modified	Ethene	338	ug/L	5.0	11/19/20 11:23	
EPA 8015B Modified	Methane	616	ug/L	11.2	11/19/20 13:16	
EPA 6010	Iron, Dissolved	54600	ug/L	100	11/24/20 03:33	
EPA 8260	1,1-Dichloroethane	19.5	ug/L	10.0	11/20/20 09:26	
EPA 8260	Vinyl chloride	1710	ug/L	10.0	11/20/20 09:26	
EPA 8260	cis-1,2-Dichloroethene	434	ug/L	10.0	11/20/20 09:26	
EPA 300.0	Sulfate	2.4	mg/L	2.0	11/18/20 16:23	

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.: 40218582

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40218582009	**OP-5**					
SM 5310C	Total Organic Carbon	55.7	mg/L	15.0	11/19/20 16:08	
40218582010	**MW-39**					
EPA 8015B Modified	Methane	20.3	ug/L	2.8	11/19/20 11:30	
EPA 6010	Iron, Dissolved	5380	ug/L	100	11/24/20 03:40	
EPA 8260	1,1,1-Trichloroethane	57.3	ug/L	2.0	11/19/20 13:26	
EPA 8260	1,1-Dichloroethane	32.9	ug/L	2.0	11/19/20 13:26	
EPA 8260	1,1-Dichloroethene	34.3	ug/L	2.0	11/19/20 13:26	
EPA 8260	Trichloroethene	116	ug/L	2.0	11/19/20 13:26	
EPA 8260	Vinyl chloride	1.7J	ug/L	2.0	11/19/20 13:26	
EPA 8260	cis-1,2-Dichloroethene	984	ug/L	10.0	11/20/20 09:49	
EPA 8260	trans-1,2-Dichloroethene	49.7	ug/L	3.1	11/19/20 13:26	
EPA 300.0	Sulfate	35.6	mg/L	2.0	11/18/20 16:38	
SM 5310C	Total Organic Carbon	7.6	mg/L	3.0	11/19/20 16:23	
40218582011	**DUP-1**					
EPA 8260	Vinyl chloride	1.2	ug/L	1.0	11/19/20 16:48	
EPA 8260	cis-1,2-Dichloroethene	1.9	ug/L	1.0	11/19/20 16:48	
EPA 8260	trans-1,2-Dichloroethene	0.48J	ug/L	1.5	11/19/20 16:48	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218582

Sample: MW-20 **Lab ID: 40218582001** Collected: 11/17/20 09:27 Received: 11/18/20 11:05 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		11/19/20 11:34	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/19/20 11:34	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 11:34	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/19/20 11:34	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/19/20 11:34	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 11:34	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/19/20 11:34	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/19/20 11:34	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/19/20 11:34	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/19/20 11:34	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/19/20 11:34	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/19/20 11:34	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/19/20 11:34	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 11:34	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 11:34	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 11:34	78-87-5	L2,M0
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/19/20 11:34	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/19/20 11:34	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/19/20 11:34	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/19/20 11:34	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/19/20 11:34	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/19/20 11:34	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/19/20 11:34	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/19/20 11:34	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 11:34	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/19/20 11:34	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/19/20 11:34	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/19/20 11:34	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/19/20 11:34	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/19/20 11:34	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 11:34	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/19/20 11:34	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/19/20 11:34	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/19/20 11:34	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/19/20 11:34	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/19/20 11:34	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/19/20 11:34	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/19/20 11:34	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/19/20 11:34	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/19/20 11:34	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/19/20 11:34	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/19/20 11:34	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/19/20 11:34	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/19/20 11:34	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/19/20 11:34	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218582

Sample: MW-20 **Lab ID: 40218582001** Collected: 11/17/20 09:27 Received: 11/18/20 11:05 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		11/19/20 11:34	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/19/20 11:34	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 11:34	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/19/20 11:34	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/19/20 11:34	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/19/20 11:34	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/19/20 11:34	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/19/20 11:34	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 11:34	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/19/20 11:34	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 11:34	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/19/20 11:34	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/19/20 11:34	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/19/20 11:34	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/19/20 11:34	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/19/20 11:34	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		11/19/20 11:34	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		11/19/20 11:34	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		11/19/20 11:34	2037-26-5	

Sample: MW-15 **Lab ID: 40218582002** Collected: 11/17/20 09:58 Received: 11/18/20 11:05 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		11/19/20 14:33	630-20-6	
1,1,1-Trichloroethane	**3.6**	ug/L	1.0	0.24	1		11/19/20 14:33	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 14:33	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/19/20 14:33	79-00-5	
1,1-Dichloroethane	**5.5**	ug/L	1.0	0.27	1		11/19/20 14:33	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 14:33	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/19/20 14:33	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/19/20 14:33	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/19/20 14:33	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/19/20 14:33	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/19/20 14:33	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/19/20 14:33	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/19/20 14:33	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 14:33	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 14:33	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 14:33	78-87-5	L2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218582

Sample: MW-15 **Lab ID: 40218582002** Collected: 11/17/20 09:58 Received: 11/18/20 11:05 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		11/19/20 14:33	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/19/20 14:33	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/19/20 14:33	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/19/20 14:33	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/19/20 14:33	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/19/20 14:33	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/19/20 14:33	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/19/20 14:33	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 14:33	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/19/20 14:33	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/19/20 14:33	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/19/20 14:33	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/19/20 14:33	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/19/20 14:33	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 14:33	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/19/20 14:33	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/19/20 14:33	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/19/20 14:33	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/19/20 14:33	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/19/20 14:33	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/19/20 14:33	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/19/20 14:33	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/19/20 14:33	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/19/20 14:33	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/19/20 14:33	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/19/20 14:33	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/19/20 14:33	75-09-2	
Naphthalene	**23.7**	ug/L	5.0	1.2	1		11/19/20 14:33	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/19/20 14:33	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/19/20 14:33	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/19/20 14:33	108-88-3	
Trichloroethene	**0.79J**	ug/L	1.0	0.26	1		11/19/20 14:33	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/19/20 14:33	75-69-4	
Vinyl chloride	**154**	ug/L	1.0	0.17	1		11/19/20 14:33	75-01-4	
cis-1,2-Dichloroethene	**57.6**	ug/L	1.0	0.27	1		11/19/20 14:33	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/19/20 14:33	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/19/20 14:33	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 14:33	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/19/20 14:33	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 14:33	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/19/20 14:33	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/19/20 14:33	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/19/20 14:33	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/19/20 14:33	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/19/20 14:33	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.: 40218582

Sample: MW-15 **Lab ID: 40218582002** Collected: 11/17/20 09:58 Received: 11/18/20 11:05 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)	94	%	70-130		1		11/19/20 14:33	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		11/19/20 14:33	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		11/19/20 14:33	2037-26-5	

Sample: MW-12 **Lab ID: 40218582003** Collected: 11/17/20 10:28 Received: 11/18/20 11:05 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		11/19/20 14:56	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/19/20 14:56	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 14:56	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/19/20 14:56	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/19/20 14:56	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 14:56	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/19/20 14:56	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/19/20 14:56	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/19/20 14:56	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/19/20 14:56	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/19/20 14:56	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/19/20 14:56	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/19/20 14:56	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 14:56	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 14:56	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 14:56	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/19/20 14:56	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/19/20 14:56	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/19/20 14:56	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/19/20 14:56	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/19/20 14:56	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/19/20 14:56	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/19/20 14:56	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/19/20 14:56	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 14:56	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/19/20 14:56	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/19/20 14:56	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/19/20 14:56	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/19/20 14:56	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/19/20 14:56	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 14:56	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/19/20 14:56	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.: 40218582

Sample: MW-12 **Lab ID: 40218582003** Collected: 11/17/20 10:28 Received: 11/18/20 11:05 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		11/19/20 14:56	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/19/20 14:56	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/19/20 14:56	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/19/20 14:56	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/19/20 14:56	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/19/20 14:56	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/19/20 14:56	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/19/20 14:56	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/19/20 14:56	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/19/20 14:56	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/19/20 14:56	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/19/20 14:56	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/19/20 14:56	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/19/20 14:56	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/19/20 14:56	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 14:56	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/19/20 14:56	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/20/20 13:56	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/19/20 14:56	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/19/20 14:56	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/19/20 14:56	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 14:56	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/19/20 14:56	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 14:56	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/19/20 14:56	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/19/20 14:56	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/19/20 14:56	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/19/20 14:56	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/19/20 14:56	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		11/19/20 14:56	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		11/19/20 14:56	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		11/19/20 14:56	2037-26-5	

Sample: OP-9 **Lab ID: 40218582004** Collected: 11/17/20 10:58 Received: 11/18/20 11:05 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		11/19/20 15:18	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/19/20 15:18	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 15:18	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.: 40218582

Sample: OP-9 **Lab ID: 40218582004** Collected: 11/17/20 10:58 Received: 11/18/20 11:05 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		11/19/20 15:18	79-00-5	
1,1-Dichloroethane	**1.3**	ug/L	1.0	0.27	1		11/19/20 15:18	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 15:18	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/19/20 15:18	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/19/20 15:18	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/19/20 15:18	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/19/20 15:18	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/19/20 15:18	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/19/20 15:18	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/19/20 15:18	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 15:18	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 15:18	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 15:18	78-87-5	L2
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/19/20 15:18	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/19/20 15:18	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/19/20 15:18	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/19/20 15:18	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/19/20 15:18	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/19/20 15:18	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/19/20 15:18	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/19/20 15:18	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 15:18	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/19/20 15:18	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/19/20 15:18	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/19/20 15:18	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/19/20 15:18	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/19/20 15:18	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 15:18	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/19/20 15:18	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/19/20 15:18	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/19/20 15:18	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/19/20 15:18	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/19/20 15:18	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/19/20 15:18	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/19/20 15:18	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/19/20 15:18	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/19/20 15:18	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/19/20 15:18	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/19/20 15:18	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/19/20 15:18	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/19/20 15:18	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/19/20 15:18	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/19/20 15:18	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/19/20 15:18	108-88-3	
Trichloroethene	**0.52J**	ug/L	1.0	0.26	1		11/19/20 15:18	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.: 40218582

Sample: OP-9 **Lab ID: 40218582004** Collected: 11/17/20 10:58 Received: 11/18/20 11:05 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		11/19/20 15:18	75-69-4	
Vinyl chloride	**15.0**	ug/L	1.0	0.17	1		11/19/20 15:18	75-01-4	
cis-1,2-Dichloroethene	**5.1**	ug/L	1.0	0.27	1		11/19/20 15:18	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/19/20 15:18	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/19/20 15:18	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 15:18	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/19/20 15:18	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 15:18	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/19/20 15:18	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/19/20 15:18	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/19/20 15:18	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/19/20 15:18	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/19/20 15:18	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		11/19/20 15:18	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		11/19/20 15:18	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		11/19/20 15:18	2037-26-5	

Sample: MW-13R **Lab ID: 40218582005** Collected: 11/17/20 11:28 Received: 11/18/20 11:05 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		11/19/20 15:41	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/19/20 15:41	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 15:41	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/19/20 15:41	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/19/20 15:41	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 15:41	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/19/20 15:41	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/19/20 15:41	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/19/20 15:41	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/19/20 15:41	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/19/20 15:41	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/19/20 15:41	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/19/20 15:41	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 15:41	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 15:41	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 15:41	78-87-5	L2
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/19/20 15:41	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/19/20 15:41	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/19/20 15:41	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.: 40218582

Sample: MW-13R **Lab ID: 40218582005** Collected: 11/17/20 11:28 Received: 11/18/20 11:05 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		11/19/20 15:41	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/19/20 15:41	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/19/20 15:41	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/19/20 15:41	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/19/20 15:41	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 15:41	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/19/20 15:41	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/19/20 15:41	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/19/20 15:41	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/19/20 15:41	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/19/20 15:41	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 15:41	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/19/20 15:41	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/19/20 15:41	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/19/20 15:41	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/19/20 15:41	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/19/20 15:41	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/19/20 15:41	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/19/20 15:41	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/19/20 15:41	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/19/20 15:41	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/19/20 15:41	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/19/20 15:41	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/19/20 15:41	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/19/20 15:41	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/19/20 15:41	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/19/20 15:41	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/19/20 15:41	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 15:41	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/19/20 15:41	75-69-4	
Vinyl chloride	**1.1**	ug/L	1.0	0.17	1		11/19/20 15:41	75-01-4	
cis-1,2-Dichloroethene	**2.0**	ug/L	1.0	0.27	1		11/19/20 15:41	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/19/20 15:41	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/19/20 15:41	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 15:41	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/19/20 15:41	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 15:41	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/19/20 15:41	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/19/20 15:41	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/19/20 15:41	98-06-6	
trans-1,2-Dichloroethene	**0.47J**	ug/L	1.5	0.46	1		11/19/20 15:41	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/19/20 15:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		11/19/20 15:41	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		11/19/20 15:41	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.: 40218582

Sample: MW-13R **Lab ID: 40218582005** Collected: 11/17/20 11:28 Received: 11/18/20 11:05 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		11/19/20 15:41	2037-26-5	

Sample: MW-7R **Lab ID: 40218582006** Collected: 11/17/20 12:02 Received: 11/18/20 11:05 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		11/19/20 16:03	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/19/20 16:03	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 16:03	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/19/20 16:03	79-00-5	
1,1-Dichloroethane	**2.1**	ug/L	1.0	0.27	1		11/19/20 16:03	75-34-3	
1,1-Dichloroethene	**0.33J**	ug/L	1.0	0.24	1		11/19/20 16:03	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/19/20 16:03	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/19/20 16:03	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/19/20 16:03	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/19/20 16:03	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/19/20 16:03	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/19/20 16:03	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/19/20 16:03	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 16:03	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 16:03	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 16:03	78-87-5	L2
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/19/20 16:03	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/19/20 16:03	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/19/20 16:03	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/19/20 16:03	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/19/20 16:03	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/19/20 16:03	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/19/20 16:03	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/19/20 16:03	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 16:03	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/19/20 16:03	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/19/20 16:03	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/19/20 16:03	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/19/20 16:03	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/19/20 16:03	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 16:03	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/19/20 16:03	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/19/20 16:03	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/19/20 16:03	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.: 40218582

Sample: MW-7R **Lab ID: 40218582006** Collected: 11/17/20 12:02 Received: 11/18/20 11:05 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		11/19/20 16:03	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/19/20 16:03	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/19/20 16:03	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/19/20 16:03	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/19/20 16:03	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/19/20 16:03	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/19/20 16:03	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/19/20 16:03	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/19/20 16:03	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/19/20 16:03	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/19/20 16:03	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/19/20 16:03	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/19/20 16:03	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 16:03	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/19/20 16:03	75-69-4	
Vinyl chloride	**91.6**	ug/L	1.0	0.17	1		11/19/20 16:03	75-01-4	
cis-1,2-Dichloroethene	**151**	ug/L	1.0	0.27	1		11/19/20 16:03	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/19/20 16:03	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/19/20 16:03	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 16:03	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/19/20 16:03	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 16:03	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/19/20 16:03	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/19/20 16:03	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/19/20 16:03	98-06-6	
trans-1,2-Dichloroethene	**0.81J**	ug/L	1.5	0.46	1		11/19/20 16:03	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/19/20 16:03	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		11/19/20 16:03	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		11/19/20 16:03	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		11/19/20 16:03	2037-26-5	

Sample: MW-19 **Lab ID: 40218582007** Collected: 11/17/20 12:28 Received: 11/18/20 11:05 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		11/19/20 16:26	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/19/20 16:26	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 16:26	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/19/20 16:26	79-00-5	
1,1-Dichloroethane	**0.38J**	ug/L	1.0	0.27	1		11/19/20 16:26	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.: 40218582

Sample: MW-19 **Lab ID: 40218582007** Collected: 11/17/20 12:28 Received: 11/18/20 11:05 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		11/19/20 16:26	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/19/20 16:26	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/19/20 16:26	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/19/20 16:26	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/19/20 16:26	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/19/20 16:26	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/19/20 16:26	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/19/20 16:26	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 16:26	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 16:26	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 16:26	78-87-5	L2
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/19/20 16:26	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/19/20 16:26	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/19/20 16:26	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/19/20 16:26	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/19/20 16:26	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/19/20 16:26	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/19/20 16:26	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/19/20 16:26	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 16:26	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/19/20 16:26	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/19/20 16:26	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/19/20 16:26	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/19/20 16:26	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/19/20 16:26	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 16:26	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/19/20 16:26	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/19/20 16:26	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/19/20 16:26	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/19/20 16:26	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/19/20 16:26	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/19/20 16:26	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/19/20 16:26	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/19/20 16:26	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/19/20 16:26	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/19/20 16:26	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/19/20 16:26	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/19/20 16:26	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/19/20 16:26	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/19/20 16:26	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/19/20 16:26	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/19/20 16:26	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 16:26	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/19/20 16:26	75-69-4	
Vinyl chloride	**5.6**	ug/L	1.0	0.17	1		11/19/20 16:26	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.: 40218582

Sample: MW-19 **Lab ID: 40218582007** Collected: 11/17/20 12:28 Received: 11/18/20 11:05 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	**1.0**	ug/L	1.0	0.27	1		11/19/20 16:26	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/19/20 16:26	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/19/20 16:26	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 16:26	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/19/20 16:26	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 16:26	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/19/20 16:26	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/19/20 16:26	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/19/20 16:26	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/19/20 16:26	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/19/20 16:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		11/19/20 16:26	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		11/19/20 16:26	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		11/19/20 16:26	2037-26-5	

Sample: OP-7 **Lab ID: 40218582008** Collected: 11/17/20 12:54 Received: 11/18/20 11:05 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	**27.9**	ug/L	5.6	1.2	1		11/19/20 13:46	74-84-0	
Ethene	**120**	ug/L	5.0	1.2	1		11/19/20 13:46	74-85-1	
Methane	**227**	ug/L	2.8	0.66	1		11/19/20 13:46	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**35200**	ug/L	100	29.6	1		11/24/20 03:30	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		11/19/20 12:41	630-20-6	
1,1,1-Trichloroethane	**<12.2**	ug/L	50.0	12.2	50		11/19/20 12:41	71-55-6	
1,1,2,2-Tetrachloroethane	**<13.8**	ug/L	50.0	13.8	50		11/19/20 12:41	79-34-5	
1,1,2-Trichloroethane	**<27.6**	ug/L	250	27.6	50		11/19/20 12:41	79-00-5	
1,1-Dichloroethane	**<13.6**	ug/L	50.0	13.6	50		11/19/20 12:41	75-34-3	
1,1-Dichloroethene	**<12.2**	ug/L	50.0	12.2	50		11/19/20 12:41	75-35-4	
1,1-Dichloropropene	**<27.0**	ug/L	90.0	27.0	50		11/19/20 12:41	563-58-6	
1,2,3-Trichlorobenzene	**<111**	ug/L	368	111	50		11/19/20 12:41	87-61-6	
1,2,3-Trichloropropane	**<29.5**	ug/L	250	29.5	50		11/19/20 12:41	96-18-4	
1,2,4-Trichlorobenzene	**<47.6**	ug/L	250	47.6	50		11/19/20 12:41	120-82-1	
1,2,4-Trimethylbenzene	**<42.0**	ug/L	140	42.0	50		11/19/20 12:41	95-63-6	

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.: 40218582

Sample: OP-7 **Lab ID: 40218582008** Collected: 11/17/20 12:54 Received: 11/18/20 11:05 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	**<88.2**	ug/L	294	88.2	50		11/19/20 12:41	96-12-8	
1,2-Dibromoethane (EDB)	**<41.5**	ug/L	138	41.5	50		11/19/20 12:41	106-93-4	
1,2-Dichlorobenzene	**<35.3**	ug/L	118	35.3	50		11/19/20 12:41	95-50-1	
1,2-Dichloroethane	**<14.0**	ug/L	50.0	14.0	50		11/19/20 12:41	107-06-2	
1,2-Dichloropropane	**<14.1**	ug/L	50.0	14.1	50		11/19/20 12:41	78-87-5	L2
1,3,5-Trimethylbenzene	**<43.7**	ug/L	146	43.7	50		11/19/20 12:41	108-67-8	
1,3-Dichlorobenzene	**<31.4**	ug/L	105	31.4	50		11/19/20 12:41	541-73-1	
1,3-Dichloropropane	**<41.3**	ug/L	138	41.3	50		11/19/20 12:41	142-28-9	
1,4-Dichlorobenzene	**<47.2**	ug/L	157	47.2	50		11/19/20 12:41	106-46-7	
2,2-Dichloropropane	**<113**	ug/L	378	113	50		11/19/20 12:41	594-20-7	
2-Chlorotoluene	**<46.3**	ug/L	250	46.3	50		11/19/20 12:41	95-49-8	
4-Chlorotoluene	**<37.8**	ug/L	126	37.8	50		11/19/20 12:41	106-43-4	
Benzene	**<12.3**	ug/L	50.0	12.3	50		11/19/20 12:41	71-43-2	
Bromobenzene	**<12.1**	ug/L	50.0	12.1	50		11/19/20 12:41	108-86-1	
Bromochloromethane	**<18.1**	ug/L	250	18.1	50		11/19/20 12:41	74-97-5	
Bromodichloromethane	**<18.2**	ug/L	60.6	18.2	50		11/19/20 12:41	75-27-4	
Bromoform	**<199**	ug/L	662	199	50		11/19/20 12:41	75-25-2	
Bromomethane	**<48.6**	ug/L	250	48.6	50		11/19/20 12:41	74-83-9	
Carbon tetrachloride	**<53.8**	ug/L	179	53.8	50		11/19/20 12:41	56-23-5	
Chlorobenzene	**<35.5**	ug/L	118	35.5	50		11/19/20 12:41	108-90-7	
Chloroethane	**<67.1**	ug/L	250	67.1	50		11/19/20 12:41	75-00-3	
Chloroform	**<63.7**	ug/L	250	63.7	50		11/19/20 12:41	67-66-3	
Chloromethane	**<109**	ug/L	365	109	50		11/19/20 12:41	74-87-3	
Dibromochloromethane	**<130**	ug/L	434	130	50		11/19/20 12:41	124-48-1	
Dibromomethane	**<46.8**	ug/L	156	46.8	50		11/19/20 12:41	74-95-3	
Dichlorodifluoromethane	**<25.0**	ug/L	250	25.0	50		11/19/20 12:41	75-71-8	
Diisopropyl ether	**<94.4**	ug/L	315	94.4	50		11/19/20 12:41	108-20-3	
Ethylbenzene	**<15.9**	ug/L	53.1	15.9	50		11/19/20 12:41	100-41-4	
Hexachloro-1,3-butadiene	**<73.1**	ug/L	244	73.1	50		11/19/20 12:41	87-68-3	
Isopropylbenzene (Cumene)	**<84.3**	ug/L	281	84.3	50		11/19/20 12:41	98-82-8	
Methyl-tert-butyl ether	**<62.3**	ug/L	208	62.3	50		11/19/20 12:41	1634-04-4	
Methylene Chloride	**<29.0**	ug/L	250	29.0	50		11/19/20 12:41	75-09-2	
Naphthalene	**<58.8**	ug/L	250	58.8	50		11/19/20 12:41	91-20-3	
Styrene	**<150**	ug/L	502	150	50		11/19/20 12:41	100-42-5	
Tetrachloroethene	**<16.3**	ug/L	54.4	16.3	50		11/19/20 12:41	127-18-4	
Toluene	**<13.5**	ug/L	50.0	13.5	50		11/19/20 12:41	108-88-3	
Trichloroethene	**30.3J**	ug/L	50.0	12.8	50		11/19/20 12:41	79-01-6	
Trichlorofluoromethane	**<10.7**	ug/L	50.0	10.7	50		11/19/20 12:41	75-69-4	
Vinyl chloride	**541**	ug/L	50.0	8.7	50		11/19/20 12:41	75-01-4	
cis-1,2-Dichloroethene	**2280**	ug/L	50.0	13.6	50		11/19/20 12:41	156-59-2	
cis-1,3-Dichloropropene	**<181**	ug/L	605	181	50		11/19/20 12:41	10061-01-5	
m&p-Xylene	**<23.3**	ug/L	100	23.3	50		11/19/20 12:41	179601-23-1	
n-Butylbenzene	**<35.4**	ug/L	118	35.4	50		11/19/20 12:41	104-51-8	
n-Propylbenzene	**<40.5**	ug/L	250	40.5	50		11/19/20 12:41	103-65-1	
o-Xylene	**<13.1**	ug/L	50.0	13.1	50		11/19/20 12:41	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.: 40218582

Sample: OP-7 **Lab ID: 40218582008** Collected: 11/17/20 12:54 Received: 11/18/20 11:05 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	**<40.0**	ug/L	133	40.0	50		11/19/20 12:41	99-87-6	
sec-Butylbenzene	**<42.4**	ug/L	250	42.4	50		11/19/20 12:41	135-98-8	
tert-Butylbenzene	**<15.2**	ug/L	50.6	15.2	50		11/19/20 12:41	98-06-6	
trans-1,2-Dichloroethene	**<23.2**	ug/L	77.4	23.2	50		11/19/20 12:41	156-60-5	
trans-1,3-Dichloropropene	**<219**	ug/L	728	219	50		11/19/20 12:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		50		11/19/20 12:41	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		50		11/19/20 12:41	1868-53-7	
Toluene-d8 (S)	98	%	70-130		50		11/19/20 12:41	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		11/18/20 16:08	14797-55-8	
Sulfate	**63.9**	mg/L	10.0	2.2	5		11/19/20 13:23	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**56.2**	mg/L	15.0	4.2	30		11/19/20 15:33	7440-44-0	

Sample: OP-5 **Lab ID: 40218582009** Collected: 11/17/20 13:35 Received: 11/18/20 11:05 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	**9.3**	ug/L	5.6	1.2	1		11/19/20 11:23	74-84-0	
Ethene	**338**	ug/L	5.0	1.2	1		11/19/20 11:23	74-85-1	
Methane	**616**	ug/L	11.2	2.7	4		11/19/20 13:16	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
	Pace Analytical Services - Green Bay								
Iron, Dissolved	**54600**	ug/L	100	29.6	1		11/24/20 03:33	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		11/20/20 09:26	630-20-6	
1,1,1-Trichloroethane	**<2.4**	ug/L	10.0	2.4	10		11/20/20 09:26	71-55-6	
1,1,2,2-Tetrachloroethane	**<2.8**	ug/L	10.0	2.8	10		11/20/20 09:26	79-34-5	
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		11/20/20 09:26	79-00-5	
1,1-Dichloroethane	**19.5**	ug/L	10.0	2.7	10		11/20/20 09:26	75-34-3	
1,1-Dichloroethene	**<2.4**	ug/L	10.0	2.4	10		11/20/20 09:26	75-35-4	
1,1-Dichloropropene	**<5.4**	ug/L	18.0	5.4	10		11/20/20 09:26	563-58-6	
1,2,3-Trichlorobenzene	**<22.1**	ug/L	73.7	22.1	10		11/20/20 09:26	87-61-6	

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.: 40218582

Sample: OP-5 **Lab ID: 40218582009** Collected: 11/17/20 13:35 Received: 11/18/20 11:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2,3-Trichloropropane	**<5.9**	ug/L	50.0	5.9	10		11/20/20 09:26	96-18-4	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		11/20/20 09:26	120-82-1	
1,2,4-Trimethylbenzene	**<8.4**	ug/L	28.0	8.4	10		11/20/20 09:26	95-63-6	
1,2-Dibromo-3-chloropropane	**<17.6**	ug/L	58.8	17.6	10		11/20/20 09:26	96-12-8	
1,2-Dibromoethane (EDB)	**<8.3**	ug/L	27.6	8.3	10		11/20/20 09:26	106-93-4	
1,2-Dichlorobenzene	**<7.1**	ug/L	23.5	7.1	10		11/20/20 09:26	95-50-1	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		11/20/20 09:26	107-06-2	
1,2-Dichloropropane	**<2.8**	ug/L	10.0	2.8	10		11/20/20 09:26	78-87-5	L2
1,3,5-Trimethylbenzene	**<8.7**	ug/L	29.1	8.7	10		11/20/20 09:26	108-67-8	
1,3-Dichlorobenzene	**<6.3**	ug/L	20.9	6.3	10		11/20/20 09:26	541-73-1	
1,3-Dichloropropane	**<8.3**	ug/L	27.5	8.3	10		11/20/20 09:26	142-28-9	
1,4-Dichlorobenzene	**<9.4**	ug/L	31.5	9.4	10		11/20/20 09:26	106-46-7	
2,2-Dichloropropane	**<22.7**	ug/L	75.5	22.7	10		11/20/20 09:26	594-20-7	
2-Chlorotoluene	**<9.3**	ug/L	50.0	9.3	10		11/20/20 09:26	95-49-8	
4-Chlorotoluene	**<7.6**	ug/L	25.2	7.6	10		11/20/20 09:26	106-43-4	
Benzene	**<2.5**	ug/L	10.0	2.5	10		11/20/20 09:26	71-43-2	
Bromobenzene	**<2.4**	ug/L	10.0	2.4	10		11/20/20 09:26	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		11/20/20 09:26	74-97-5	
Bromodichloromethane	**<3.6**	ug/L	12.1	3.6	10		11/20/20 09:26	75-27-4	
Bromoform	**<39.7**	ug/L	132	39.7	10		11/20/20 09:26	75-25-2	
Bromomethane	**<9.7**	ug/L	50.0	9.7	10		11/20/20 09:26	74-83-9	
Carbon tetrachloride	**<10.8**	ug/L	35.9	10.8	10		11/20/20 09:26	56-23-5	
Chlorobenzene	**<7.1**	ug/L	23.7	7.1	10		11/20/20 09:26	108-90-7	
Chloroethane	**<13.4**	ug/L	50.0	13.4	10		11/20/20 09:26	75-00-3	
Chloroform	**<12.7**	ug/L	50.0	12.7	10		11/20/20 09:26	67-66-3	
Chloromethane	**<21.9**	ug/L	73.0	21.9	10		11/20/20 09:26	74-87-3	
Dibromochloromethane	**<26.0**	ug/L	86.7	26.0	10		11/20/20 09:26	124-48-1	
Dibromomethane	**<9.4**	ug/L	31.2	9.4	10		11/20/20 09:26	74-95-3	
Dichlorodifluoromethane	**<5.0**	ug/L	50.0	5.0	10		11/20/20 09:26	75-71-8	
Diisopropyl ether	**<18.9**	ug/L	62.9	18.9	10		11/20/20 09:26	108-20-3	
Ethylbenzene	**<3.2**	ug/L	10.6	3.2	10		11/20/20 09:26	100-41-4	
Hexachloro-1,3-butadiene	**<14.6**	ug/L	48.8	14.6	10		11/20/20 09:26	87-68-3	
Isopropylbenzene (Cumene)	**<16.9**	ug/L	56.2	16.9	10		11/20/20 09:26	98-82-8	
Methyl-tert-butyl ether	**<12.5**	ug/L	41.5	12.5	10		11/20/20 09:26	1634-04-4	
Methylene Chloride	**<5.8**	ug/L	50.0	5.8	10		11/20/20 09:26	75-09-2	
Naphthalene	**<11.8**	ug/L	50.0	11.8	10		11/20/20 09:26	91-20-3	
Styrene	**<30.1**	ug/L	100	30.1	10		11/20/20 09:26	100-42-5	
Tetrachloroethene	**<3.3**	ug/L	10.9	3.3	10		11/20/20 09:26	127-18-4	
Toluene	**<2.7**	ug/L	10.0	2.7	10		11/20/20 09:26	108-88-3	
Trichloroethene	**<2.6**	ug/L	10.0	2.6	10		11/20/20 09:26	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	10.0	2.1	10		11/20/20 09:26	75-69-4	
Vinyl chloride	**1710**	ug/L	10.0	1.7	10		11/20/20 09:26	75-01-4	
cis-1,2-Dichloroethene	**434**	ug/L	10.0	2.7	10		11/20/20 09:26	156-59-2	
cis-1,3-Dichloropropene	**<36.3**	ug/L	121	36.3	10		11/20/20 09:26	10061-01-5	
m&p-Xylene	**<4.7**	ug/L	20.0	4.7	10		11/20/20 09:26	179601-23-1	

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.: 40218582

Sample: OP-5 **Lab ID: 40218582009** Collected: 11/17/20 13:35 Received: 11/18/20 11:05 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-Butylbenzene	**<7.1**	ug/L	23.6	7.1	10		11/20/20 09:26	104-51-8	
n-Propylbenzene	**<8.1**	ug/L	50.0	8.1	10		11/20/20 09:26	103-65-1	
o-Xylene	**<2.6**	ug/L	10.0	2.6	10		11/20/20 09:26	95-47-6	
p-Isopropyltoluene	**<8.0**	ug/L	26.7	8.0	10		11/20/20 09:26	99-87-6	
sec-Butylbenzene	**<8.5**	ug/L	50.0	8.5	10		11/20/20 09:26	135-98-8	
tert-Butylbenzene	**<3.0**	ug/L	10.1	3.0	10		11/20/20 09:26	98-06-6	
trans-1,2-Dichloroethene	**<4.6**	ug/L	15.5	4.6	10		11/20/20 09:26	156-60-5	
trans-1,3-Dichloropropene	**<43.7**	ug/L	146	43.7	10		11/20/20 09:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		10		11/20/20 09:26	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		10		11/20/20 09:26	1868-53-7	
Toluene-d8 (S)	109	%	70-130		10		11/20/20 09:26	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		11/18/20 16:23	14797-55-8	
Sulfate	**2.4**	mg/L	2.0	0.44	1		11/18/20 16:23	14808-79-8	
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**55.7**	mg/L	15.0	4.2	30		11/19/20 16:08	7440-44-0	

Sample: MW-39 **Lab ID: 40218582010** Collected: 11/17/20 14:10 Received: 11/18/20 11:05 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		11/19/20 11:30	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/19/20 11:30	74-85-1	
Methane	**20.3**	ug/L	2.8	0.66	1		11/19/20 11:30	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**5380**	ug/L	100	29.6	1		11/24/20 03:40	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		11/19/20 13:26	630-20-6	
1,1,1-Trichloroethane	**57.3**	ug/L	2.0	0.49	2		11/19/20 13:26	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.55**	ug/L	2.0	0.55	2		11/19/20 13:26	79-34-5	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		11/19/20 13:26	79-00-5	
1,1-Dichloroethane	**32.9**	ug/L	2.0	0.55	2		11/19/20 13:26	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218582

Sample: MW-39 **Lab ID: 40218582010** Collected: 11/17/20 14:10 Received: 11/18/20 11:05 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	**34.3**	ug/L	2.0	0.49	2		11/19/20 13:26	75-35-4	
1,1-Dichloropropene	**<1.1**	ug/L	3.6	1.1	2		11/19/20 13:26	563-58-6	
1,2,3-Trichlorobenzene	**<4.4**	ug/L	14.7	4.4	2		11/19/20 13:26	87-61-6	
1,2,3-Trichloropropane	**<1.2**	ug/L	10.0	1.2	2		11/19/20 13:26	96-18-4	
1,2,4-Trichlorobenzene	**<1.9**	ug/L	10.0	1.9	2		11/19/20 13:26	120-82-1	
1,2,4-Trimethylbenzene	**<1.7**	ug/L	5.6	1.7	2		11/19/20 13:26	95-63-6	
1,2-Dibromo-3-chloropropane	**<3.5**	ug/L	11.8	3.5	2		11/19/20 13:26	96-12-8	
1,2-Dibromoethane (EDB)	**<1.7**	ug/L	5.5	1.7	2		11/19/20 13:26	106-93-4	
1,2-Dichlorobenzene	**<1.4**	ug/L	4.7	1.4	2		11/19/20 13:26	95-50-1	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		11/19/20 13:26	107-06-2	
1,2-Dichloropropane	**<0.57**	ug/L	2.0	0.57	2		11/19/20 13:26	78-87-5	L2
1,3,5-Trimethylbenzene	**<1.7**	ug/L	5.8	1.7	2		11/19/20 13:26	108-67-8	
1,3-Dichlorobenzene	**<1.3**	ug/L	4.2	1.3	2		11/19/20 13:26	541-73-1	
1,3-Dichloropropane	**<1.7**	ug/L	5.5	1.7	2		11/19/20 13:26	142-28-9	
1,4-Dichlorobenzene	**<1.9**	ug/L	6.3	1.9	2		11/19/20 13:26	106-46-7	
2,2-Dichloropropane	**<4.5**	ug/L	15.1	4.5	2		11/19/20 13:26	594-20-7	
2-Chlorotoluene	**<1.9**	ug/L	10.0	1.9	2		11/19/20 13:26	95-49-8	
4-Chlorotoluene	**<1.5**	ug/L	5.0	1.5	2		11/19/20 13:26	106-43-4	
Benzene	**<0.49**	ug/L	2.0	0.49	2		11/19/20 13:26	71-43-2	
Bromobenzene	**<0.48**	ug/L	2.0	0.48	2		11/19/20 13:26	108-86-1	
Bromochloromethane	**<0.72**	ug/L	10.0	0.72	2		11/19/20 13:26	74-97-5	
Bromodichloromethane	**<0.73**	ug/L	2.4	0.73	2		11/19/20 13:26	75-27-4	
Bromoform	**<7.9**	ug/L	26.5	7.9	2		11/19/20 13:26	75-25-2	
Bromomethane	**<1.9**	ug/L	10.0	1.9	2		11/19/20 13:26	74-83-9	
Carbon tetrachloride	**<2.2**	ug/L	7.2	2.2	2		11/19/20 13:26	56-23-5	
Chlorobenzene	**<1.4**	ug/L	4.7	1.4	2		11/19/20 13:26	108-90-7	
Chloroethane	**<2.7**	ug/L	10.0	2.7	2		11/19/20 13:26	75-00-3	
Chloroform	**<2.5**	ug/L	10.0	2.5	2		11/19/20 13:26	67-66-3	
Chloromethane	**<4.4**	ug/L	14.6	4.4	2		11/19/20 13:26	74-87-3	
Dibromochloromethane	**<5.2**	ug/L	17.3	5.2	2		11/19/20 13:26	124-48-1	
Dibromomethane	**<1.9**	ug/L	6.2	1.9	2		11/19/20 13:26	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	10.0	1.0	2		11/19/20 13:26	75-71-8	
Diisopropyl ether	**<3.8**	ug/L	12.6	3.8	2		11/19/20 13:26	108-20-3	
Ethylbenzene	**<0.64**	ug/L	2.1	0.64	2		11/19/20 13:26	100-41-4	
Hexachloro-1,3-butadiene	**<2.9**	ug/L	9.8	2.9	2		11/19/20 13:26	87-68-3	
Isopropylbenzene (Cumene)	**<3.4**	ug/L	11.2	3.4	2		11/19/20 13:26	98-82-8	
Methyl-tert-butyl ether	**<2.5**	ug/L	8.3	2.5	2		11/19/20 13:26	1634-04-4	
Methylene Chloride	**<1.2**	ug/L	10.0	1.2	2		11/19/20 13:26	75-09-2	
Naphthalene	**<2.4**	ug/L	10.0	2.4	2		11/19/20 13:26	91-20-3	
Styrene	**<6.0**	ug/L	20.1	6.0	2		11/19/20 13:26	100-42-5	
Tetrachloroethene	**<0.65**	ug/L	2.2	0.65	2		11/19/20 13:26	127-18-4	
Toluene	**<0.54**	ug/L	2.0	0.54	2		11/19/20 13:26	108-88-3	
Trichloroethene	**116**	ug/L	2.0	0.51	2		11/19/20 13:26	79-01-6	
Trichlorofluoromethane	**<0.43**	ug/L	2.0	0.43	2		11/19/20 13:26	75-69-4	
Vinyl chloride	**1.7J**	ug/L	2.0	0.35	2		11/19/20 13:26	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218582

Sample: MW-39 **Lab ID: 40218582010** Collected: 11/17/20 14:10 Received: 11/18/20 11:05 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	**984**	ug/L	10.0	2.7	10		11/20/20 09:49	156-59-2	
cis-1,3-Dichloropropene	**<7.3**	ug/L	24.2	7.3	2		11/19/20 13:26	10061-01-5	
m&p-Xylene	**<0.93**	ug/L	4.0	0.93	2		11/19/20 13:26	179601-23-1	
n-Butylbenzene	**<1.4**	ug/L	4.7	1.4	2		11/19/20 13:26	104-51-8	
n-Propylbenzene	**<1.6**	ug/L	10.0	1.6	2		11/19/20 13:26	103-65-1	
o-Xylene	**<0.52**	ug/L	2.0	0.52	2		11/19/20 13:26	95-47-6	
p-Isopropyltoluene	**<1.6**	ug/L	5.3	1.6	2		11/19/20 13:26	99-87-6	
sec-Butylbenzene	**<1.7**	ug/L	10.0	1.7	2		11/19/20 13:26	135-98-8	
tert-Butylbenzene	**<0.61**	ug/L	2.0	0.61	2		11/19/20 13:26	98-06-6	
trans-1,2-Dichloroethene	**49.7**	ug/L	3.1	0.93	2		11/19/20 13:26	156-60-5	
trans-1,3-Dichloropropene	**<8.7**	ug/L	29.1	8.7	2		11/19/20 13:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		2		11/19/20 13:26	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		2		11/19/20 13:26	1868-53-7	
Toluene-d8 (S)	99	%	70-130		2		11/19/20 13:26	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Nitrate as N	**<0.22**	mg/L	0.75	0.22	5		11/19/20 13:38	14797-55-8	D3
Sulfate	**35.6**	mg/L	2.0	0.44	1		11/18/20 16:38	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**7.6**	mg/L	3.0	0.83	6		11/19/20 16:23	7440-44-0	

Sample: DUP-1 **Lab ID: 40218582011** Collected: 11/17/20 00:00 Received: 11/18/20 11:05 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		11/19/20 16:48	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/19/20 16:48	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 16:48	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/19/20 16:48	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/19/20 16:48	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 16:48	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/19/20 16:48	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/19/20 16:48	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/19/20 16:48	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/19/20 16:48	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/19/20 16:48	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/19/20 16:48	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.: 40218582

Sample: DUP-1 **Lab ID: 40218582011** Collected: 11/17/20 00:00 Received: 11/18/20 11:05 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		11/19/20 16:48	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 16:48	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 16:48	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 16:48	78-87-5	L2
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/19/20 16:48	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/19/20 16:48	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/19/20 16:48	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/19/20 16:48	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/19/20 16:48	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/19/20 16:48	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/19/20 16:48	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/19/20 16:48	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 16:48	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/19/20 16:48	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/19/20 16:48	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/19/20 16:48	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/19/20 16:48	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/19/20 16:48	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 16:48	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/19/20 16:48	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/19/20 16:48	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/19/20 16:48	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/19/20 16:48	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/19/20 16:48	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/19/20 16:48	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/19/20 16:48	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/19/20 16:48	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/19/20 16:48	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/19/20 16:48	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/19/20 16:48	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/19/20 16:48	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/19/20 16:48	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/19/20 16:48	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/19/20 16:48	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/19/20 16:48	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 16:48	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/19/20 16:48	75-69-4	
Vinyl chloride	**1.2**	ug/L	1.0	0.17	1		11/19/20 16:48	75-01-4	
cis-1,2-Dichloroethene	**1.9**	ug/L	1.0	0.27	1		11/19/20 16:48	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/19/20 16:48	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/19/20 16:48	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 16:48	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/19/20 16:48	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 16:48	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/19/20 16:48	99-87-6	

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.: 40218582

Sample: DUP-1 **Lab ID: 40218582011** Collected: 11/17/20 00:00 Received: 11/18/20 11:05 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		11/19/20 16:48	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/19/20 16:48	98-06-6	
trans-1,2-Dichloroethene	**0.48J**	ug/L	1.5	0.46	1		11/19/20 16:48	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/19/20 16:48	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		11/19/20 16:48	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		11/19/20 16:48	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		11/19/20 16:48	2037-26-5	

Sample: TRIP **Lab ID: 40218582012** Collected: 11/17/20 00:00 Received: 11/18/20 11:05 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		11/19/20 09:41	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/19/20 09:41	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 09:41	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/19/20 09:41	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/19/20 09:41	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 09:41	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/19/20 09:41	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/19/20 09:41	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/19/20 09:41	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/19/20 09:41	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/19/20 09:41	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/19/20 09:41	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/19/20 09:41	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 09:41	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 09:41	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/19/20 09:41	78-87-5	L2
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/19/20 09:41	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/19/20 09:41	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/19/20 09:41	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/19/20 09:41	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/19/20 09:41	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/19/20 09:41	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/19/20 09:41	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/19/20 09:41	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/19/20 09:41	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/19/20 09:41	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/19/20 09:41	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/19/20 09:41	75-25-2	

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218582

Sample: TRIP **Lab ID: 40218582012** Collected: 11/17/20 00:00 Received: 11/18/20 11:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/19/20 09:41	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/19/20 09:41	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 09:41	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/19/20 09:41	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/19/20 09:41	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/19/20 09:41	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/19/20 09:41	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/19/20 09:41	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/19/20 09:41	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/19/20 09:41	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/19/20 09:41	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/19/20 09:41	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/19/20 09:41	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/19/20 09:41	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/19/20 09:41	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/19/20 09:41	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/19/20 09:41	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/19/20 09:41	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/19/20 09:41	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 09:41	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/19/20 09:41	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/19/20 09:41	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/19/20 09:41	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/19/20 09:41	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/19/20 09:41	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/19/20 09:41	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/19/20 09:41	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/19/20 09:41	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/19/20 09:41	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/19/20 09:41	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/19/20 09:41	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/19/20 09:41	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/19/20 09:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		11/19/20 09:41	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		11/19/20 09:41	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		11/19/20 09:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218582

QC Batch: 371808
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: 40218582008, 40218582009, 40218582010

METHOD BLANK: 2150019 Matrix: Water
Associated Lab Samples: 40218582008, 40218582009, 40218582010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<1.2	5.6	11/19/20 09:12	
Ethene	ug/L	<1.2	5.0	11/19/20 09:12	
Methane	ug/L	<0.66	2.8	11/19/20 09:12	

LABORATORY CONTROL SAMPLE & LCSD: 2150020 2150021

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	55.3	58.1	103	108	80-120	5	20	
Ethene	ug/L	50	50.7	53.2	101	106	80-120	5	20	
Methane	ug/L	28.6	29.0	30.8	101	108	79-120	6	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2150344 2150345

Parameter	Units	40218620001 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	56.7	57.1	106	107	79-120	1	20	
Ethene	ug/L	<1.2	50	50	52.2	52.2	104	104	79-120	0	20	
Methane	ug/L	1.3J	28.6	28.6	30.8	30.9	103	104	10-200	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.: 40218582

QC Batch: 372207
QC Batch Method: EPA 6010
Analysis Method: EPA 6010
Analysis Description: ICP Metals, Trace, Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40218582008, 40218582009, 40218582010

METHOD BLANK: 2152348 Matrix: Water
Associated Lab Samples: 40218582008, 40218582009, 40218582010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	11/24/20 02:26	

LABORATORY CONTROL SAMPLE: 2152349

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4690	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2152351 2152352

Parameter	Units	40218509002 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	8950	5000	5000	13300	13300	88	87	75-125	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.: 40218582

QC Batch: 371787
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40218582001, 40218582002, 40218582003, 40218582004, 40218582005, 40218582006, 40218582007, 40218582008, 40218582009, 40218582010, 40218582011, 40218582012

METHOD BLANK: 2149949
Matrix: Water
Associated Lab Samples: 40218582001, 40218582002, 40218582003, 40218582004, 40218582005, 40218582006, 40218582007, 40218582008, 40218582009, 40218582010, 40218582011, 40218582012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	11/19/20 07:27	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	11/19/20 07:27	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	11/19/20 07:27	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	11/19/20 07:27	
1,1-Dichloroethane	ug/L	<0.27	1.0	11/19/20 07:27	
1,1-Dichloroethene	ug/L	<0.24	1.0	11/19/20 07:27	
1,1-Dichloropropene	ug/L	<0.54	1.8	11/19/20 07:27	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	11/19/20 07:27	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	11/19/20 07:27	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/19/20 07:27	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	11/19/20 07:27	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	11/19/20 07:27	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	11/19/20 07:27	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	11/19/20 07:27	
1,2-Dichloroethane	ug/L	<0.28	1.0	11/19/20 07:27	
1,2-Dichloropropane	ug/L	<0.28	1.0	11/19/20 07:27	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	11/19/20 07:27	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	11/19/20 07:27	
1,3-Dichloropropane	ug/L	<0.83	2.8	11/19/20 07:27	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	11/19/20 07:27	
2,2-Dichloropropane	ug/L	<2.3	7.6	11/19/20 07:27	
2-Chlorotoluene	ug/L	<0.93	5.0	11/19/20 07:27	
4-Chlorotoluene	ug/L	<0.76	2.5	11/19/20 07:27	
Benzene	ug/L	<0.25	1.0	11/19/20 07:27	
Bromobenzene	ug/L	<0.24	1.0	11/19/20 07:27	
Bromochloromethane	ug/L	<0.36	5.0	11/19/20 07:27	
Bromodichloromethane	ug/L	<0.36	1.2	11/19/20 07:27	
Bromoform	ug/L	<4.0	13.2	11/19/20 07:27	
Bromomethane	ug/L	<0.97	5.0	11/19/20 07:27	
Carbon tetrachloride	ug/L	<1.1	3.6	11/19/20 07:27	
Chlorobenzene	ug/L	<0.71	2.4	11/19/20 07:27	
Chloroethane	ug/L	<1.3	5.0	11/19/20 07:27	
Chloroform	ug/L	<1.3	5.0	11/19/20 07:27	
Chloromethane	ug/L	<2.2	7.3	11/19/20 07:27	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	11/19/20 07:27	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	11/19/20 07:27	
Dibromochloromethane	ug/L	<2.6	8.7	11/19/20 07:27	
Dibromomethane	ug/L	<0.94	3.1	11/19/20 07:27	
Dichlorodifluoromethane	ug/L	<0.50	5.0	11/19/20 07:27	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218582

METHOD BLANK: 2149949 Matrix: Water

Associated Lab Samples: 40218582001, 40218582002, 40218582003, 40218582004, 40218582005, 40218582006, 40218582007, 40218582008, 40218582009, 40218582010, 40218582011, 40218582012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.9	6.3	11/19/20 07:27	
Ethylbenzene	ug/L	<0.32	1.1	11/19/20 07:27	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	11/19/20 07:27	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	11/19/20 07:27	
m&p-Xylene	ug/L	<0.47	2.0	11/19/20 07:27	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	11/19/20 07:27	
Methylene Chloride	ug/L	<0.58	5.0	11/19/20 07:27	
n-Butylbenzene	ug/L	<0.71	2.4	11/19/20 07:27	
n-Propylbenzene	ug/L	<0.81	5.0	11/19/20 07:27	
Naphthalene	ug/L	<1.2	5.0	11/19/20 07:27	
o-Xylene	ug/L	<0.26	1.0	11/19/20 07:27	
p-Isopropyltoluene	ug/L	<0.80	2.7	11/19/20 07:27	
sec-Butylbenzene	ug/L	<0.85	5.0	11/19/20 07:27	
Styrene	ug/L	<3.0	10.0	11/19/20 07:27	
tert-Butylbenzene	ug/L	<0.30	1.0	11/19/20 07:27	
Tetrachloroethene	ug/L	<0.33	1.1	11/19/20 07:27	
Toluene	ug/L	<0.27	1.0	11/19/20 07:27	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	11/19/20 07:27	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	11/19/20 07:27	
Trichloroethene	ug/L	<0.26	1.0	11/19/20 07:27	
Trichlorofluoromethane	ug/L	<0.21	1.0	11/19/20 07:27	
Vinyl chloride	ug/L	<0.17	1.0	11/19/20 07:27	
4-Bromofluorobenzene (S)	%	96	70-130	11/19/20 07:27	
Dibromofluoromethane (S)	%	99	70-130	11/19/20 07:27	
Toluene-d8 (S)	%	98	70-130	11/19/20 07:27	

LABORATORY CONTROL SAMPLE: 2149950

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.0	108	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	42.3	85	64-131	
1,1,2-Trichloroethane	ug/L	50	46.8	94	70-130	
1,1-Dichloroethane	ug/L	50	41.8	84	69-163	
1,1-Dichloroethene	ug/L	50	46.8	94	77-123	
1,2,4-Trichlorobenzene	ug/L	50	43.2	86	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	38.4	77	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.2	98	70-130	
1,2-Dichlorobenzene	ug/L	50	47.6	95	70-130	
1,2-Dichloroethane	ug/L	50	48.3	97	78-142	
1,2-Dichloropropane	ug/L	50	41.8	84	86-134	L2
1,3-Dichlorobenzene	ug/L	50	48.5	97	70-130	
1,4-Dichlorobenzene	ug/L	50	48.9	98	70-130	
Benzene	ug/L	50	41.6	83	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218582

LABORATORY CONTROL SAMPLE: 2149950

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	50	54.1	108	70-130	
Bromoform	ug/L	50	57.2	114	70-130	
Bromomethane	ug/L	50	25.8	52	39-129	
Carbon tetrachloride	ug/L	50	58.1	116	70-132	
Chlorobenzene	ug/L	50	51.5	103	70-130	
Chloroethane	ug/L	50	34.1	68	66-140	
Chloroform	ug/L	50	47.4	95	75-132	
Chloromethane	ug/L	50	22.3	45	32-143	
cis-1,2-Dichloroethene	ug/L	50	43.0	86	70-130	
cis-1,3-Dichloropropene	ug/L	50	43.4	87	70-130	
Dibromochloromethane	ug/L	50	56.6	113	70-130	
Dichlorodifluoromethane	ug/L	50	28.6	57	10-141	
Ethylbenzene	ug/L	50	52.6	105	80-120	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	70-130	
m&p-Xylene	ug/L	100	105	105	70-130	
Methyl-tert-butyl ether	ug/L	50	37.8	76	61-129	
Methylene Chloride	ug/L	50	42.9	86	70-130	
o-Xylene	ug/L	50	52.1	104	70-130	
Styrene	ug/L	50	52.2	104	70-130	
Tetrachloroethene	ug/L	50	57.7	115	70-130	
Toluene	ug/L	50	50.1	100	80-120	
trans-1,2-Dichloroethene	ug/L	50	48.5	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	42.3	85	69-130	
Trichloroethene	ug/L	50	54.8	110	70-130	
Trichlorofluoromethane	ug/L	50	53.2	106	75-145	
Vinyl chloride	ug/L	50	33.0	66	51-140	
4-Bromofluorobenzene (S)	%			104	70-130	
Dibromofluoromethane (S)	%			95	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2150009 2150010

Parameter	Units	40218582001 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	55.2	56.8	110	114	70-130	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	41.4	41.9	83	84	64-137	1	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	45.5	45.5	91	91	70-137	0	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	43.5	43.8	87	87	69-163	1	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	49.6	49.9	99	100	77-129	1	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	43.7	44.9	87	90	68-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	38.9	39.2	78	78	60-130	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	48.3	47.9	97	96	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	47.6	48.8	95	98	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	48.2	49.0	96	98	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.: 40218582

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2150009 2150010

Parameter	Units	40218582001 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	42.3	43.4	85	87	86-135	3	20	M0
1,3-Dichlorobenzene	ug/L	<0.63	50	50	48.3	49.6	97	99	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	49.1	49.9	98	100	70-130	2	20	
Benzene	ug/L	<0.25	50	50	42.6	43.1	85	86	70-136	1	20	
Bromodichloromethane	ug/L	<0.36	50	50	53.6	55.2	107	110	70-130	3	20	
Bromoform	ug/L	<4.0	50	50	55.7	56.0	111	112	69-130	1	20	
Bromomethane	ug/L	<0.97	50	50	34.9	34.3	70	69	39-138	2	20	
Carbon tetrachloride	ug/L	<1.1	50	50	59.6	60.4	119	121	70-142	1	20	
Chlorobenzene	ug/L	<0.71	50	50	51.3	51.7	103	103	70-130	1	20	
Chloroethane	ug/L	<1.3	50	50	36.8	37.3	74	75	61-149	1	20	
Chloroform	ug/L	<1.3	50	50	47.8	48.7	96	97	75-133	2	20	
Chloromethane	ug/L	<2.2	50	50	25.8	26.3	52	53	32-143	2	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	45.2	45.6	90	91	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	43.7	44.5	87	89	70-130	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	56.3	57.2	113	114	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	37.4	37.6	75	75	10-141	1	20	
Ethylbenzene	ug/L	<0.32	50	50	52.7	53.7	105	107	80-120	2	20	
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	54.2	55.3	108	111	70-130	2	20	
m&p-Xylene	ug/L	<0.47	100	100	105	106	105	106	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	38.3	37.9	77	76	61-136	1	20	
Methylene Chloride	ug/L	<0.58	50	50	45.0	44.8	90	90	68-137	1	20	
o-Xylene	ug/L	<0.26	50	50	51.7	53.0	103	106	70-130	3	20	
Styrene	ug/L	<3.0	50	50	51.5	53.0	103	106	70-130	3	20	
Tetrachloroethene	ug/L	<0.33	50	50	58.9	59.8	118	120	70-130	1	20	
Toluene	ug/L	<0.27	50	50	50.2	50.9	100	102	80-120	1	20	
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	50.9	52.2	102	104	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	42.2	43.1	84	86	69-130	2	20	
Trichloroethene	ug/L	<0.26	50	50	55.4	56.7	111	113	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	55.7	56.5	111	113	74-157	2	20	
Vinyl chloride	ug/L	<0.17	50	50	37.4	38.0	75	76	51-140	2	20	
4-Bromofluorobenzene (S)	%						103	104	70-130			
Dibromofluoromethane (S)	%						96	97	70-130			
Toluene-d8 (S)	%						98	99	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.: 40218582

QC Batch: 371735
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: 40218582008, 40218582009, 40218582010

METHOD BLANK: 2149694 Matrix: Water
Associated Lab Samples: 40218582008, 40218582009, 40218582010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	<0.044	0.15	11/18/20 15:38	
Sulfate	mg/L	<0.44	2.0	11/18/20 15:38	

LABORATORY CONTROL SAMPLE: 2149695

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	21.0	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2149696 2149697

Parameter	Units	40218582010 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	8.0	108	107	90-110	1	15	
Sulfate	mg/L	35.6	20	20	57.7	57.6	110	110	90-110	0	15	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218582

QC Batch: 371772
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40218582008, 40218582009, 40218582010

METHOD BLANK: 2149914 Matrix: Water
Associated Lab Samples: 40218582008, 40218582009, 40218582010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	11/19/20 09:15	

LABORATORY CONTROL SAMPLE: 2149915

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: 2149916 2149917

Parameter	Units	10539444001 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	2.5	6	6	8.3	8.4	97	99	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2149918 2149919

Parameter	Units	10539448001 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	1.2	6	6	7.4	7.6	103	106	80-120	3	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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QUALIFIERS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218582

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.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory 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.: 40218582

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40218582008	**OP-7**	EPA 8015B Modified	371808		
40218582009	**OP-5**	EPA 8015B Modified	371808		
40218582010	**MW-39**	EPA 8015B Modified	371808		
40218582008	**OP-7**	EPA 6010	372207		
40218582009	**OP-5**	EPA 6010	372207		
40218582010	**MW-39**	EPA 6010	372207		
40218582001	**MW-20**	EPA 8260	371787		
40218582002	**MW-15**	EPA 8260	371787		
40218582003	**MW-12**	EPA 8260	371787		
40218582004	**OP-9**	EPA 8260	371787		
40218582005	**MW-13R**	EPA 8260	371787		
40218582006	**MW-7R**	EPA 8260	371787		
40218582007	**MW-19**	EPA 8260	371787		
40218582008	**OP-7**	EPA 8260	371787		
40218582009	**OP-5**	EPA 8260	371787		
40218582010	**MW-39**	EPA 8260	371787		
40218582011	**DUP-1**	EPA 8260	371787		
40218582012	**TRIP**	EPA 8260	371787		
40218582008	**OP-7**	EPA 300.0	371735		
40218582009	**OP-5**	EPA 300.0	371735		
40218582010	**MW-39**	EPA 300.0	371735		
40218582008	**OP-7**	SM 5310C	371772		
40218582009	**OP-5**	SM 5310C	371772		
40218582010	**MW-39**	SM 5310C	371772		

(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):	Alex Amundson
Sampled By (Sign):	
PO #:	
Regulatory Program:	

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www.pacelabs.com

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

Page 1 of 1

COC No. 40218582

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 #:	
Mail To Contact:	Kevin Hedinger
Mail To Company:	GZA
Mail To Address:	17975 W. Sarah Lane STE 100, Brookfield, WI
Invoice To Contact:	AP@gza.com
Invoice To Company:	GZA
Invoice To Address:	SAME
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, Nitrate	TOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter	N B	Y D	N B	N A	N A			
001	MW-20	11/17/20	0927	GW			X							
002	MW-15	11/17/20	0958	GW			X							
003	MW-12	11/17/20	1038	GW			X							
004	OP-9	11/17/20	1058	GW			X							
005	MW-13R	11/17/20	1128	GW			X							
006	MW-7R	11/17/20	1202	GW			X							
007	MW-19	11/17/20	1228	GW			X							
008	OP-7	11/17/20	1254	GW			X	X	X	X	X			
009	OP-5	11/17/20	1335	GW			X	X	X	X	X			
010	MW-39	11/17/20	1410	GW			X	X	X	X	X			
011	DUP-1	11/17/20	—	GW			X							
012	Trip	11/17/20	—	GW			X						AP	
				GW										

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:
	11/17/20 1530		
C.S Logistics	11/18/20 1105		
		Received By:	Date/Time:
			11/18/20 1105
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.
40218582

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

C019e(27-Jun2008)

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

Sample Preservation Receipt Form

Client Name: G2A Project # 40218582

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

Lab Lot# of pH paper: 10D4194 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																	3															2.5 / 5 / 10
008				1						1		1					6													/		2.5 / 5 / 10
009				1						1		1					6													/		2.5 / 5 / 10
010				1						1		1					6													/		2.5 / 5 / 10
011																	3															2.5 / 5 / 10
012																	1															2.5 / 5 / 10
013																																2.5 / 5 / 10
014																																2.5 / 5 / 10
015																													11/8/20			2.5 / 5 / 10
016																																2.5 / 5 / 10
017																														MP		2.5 / 5 / 10
018																																2.5 / 5 / 10
019																																2.5 / 5 / 10
020																																2.5 / 5 / 10

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

AG1U	1 liter amber glass
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#: 40218582

Client Name: G2A

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

Tracking #: 2194111720

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: R of /Corr: _____

Person examining contents: Date: 11/18/20 /Initials: _____

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

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: -Includes date/time/ID/Analysis Matrix: W	☒Yes ☐No ☐N/A	12.
Trip Blank Present:	☒Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 455		

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
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(920)469-2436

November 30, 2020

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

RE: Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218682

Dear Kevin Hedinger:

Enclosed are the analytical results for sample(s) received by the laboratory on November 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
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CERTIFICATIONS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218682

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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Green Bay, WI 54302
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SAMPLE SUMMARY

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218682

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40218682001	**MW-11**	Water	11/18/20 08:48	11/19/20 10:10
40218682002	**MW-17R**	Water	11/18/20 09:21	11/19/20 10:10
40218682003	**MW-37R**	Water	11/18/20 09:58	11/19/20 10:10
40218682004	**MW-38**	Water	11/18/20 10:33	11/19/20 10:10
40218682005	**MW-18R**	Water	11/18/20 11:11	11/19/20 10:10
40218682006	**MW-16**	Water	11/18/20 11:46	11/19/20 10:10
40218682007	**MW-42**	Water	11/18/20 12:43	11/19/20 10:10
40218682008	**MW-41**	Water	11/18/20 13:17	11/19/20 10:10
40218682009	**MW-4**	Water	11/18/20 13:50	11/19/20 10:10
40218682010	**OP-14**	Water	11/18/20 14:29	11/19/20 10:10
40218682011	**DUP-2**	Water	11/18/20 00:00	11/19/20 10:10
40218682012	**TRIP**	Water	11/18/20 00:00	11/19/20 10:10

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SAMPLE ANALYTE COUNT

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218682

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40218682001	**MW-11**	EPA 8260	HNW	64	PASI-G
40218682002	**MW-17R**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW, TMK	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218682003	**MW-37R**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	TMK	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218682004	**MW-38**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW, TMK	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218682005	**MW-18R**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	TMK	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218682006	**MW-16**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	TMK	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218682007	**MW-42**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	TMK	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218682008	**MW-41**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	TMK	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218682009	**MW-4**	EPA 8015B Modified	ALD	3	PASI-G

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SAMPLE ANALYTE COUNT

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218682

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW, TMK	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218682010	**OP-14**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW, TMK	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218682011	**DUP-2**	EPA 8260	HNW	64	PASI-G
40218682012	**TRIP**	EPA 8260	HNW	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
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Green Bay, WI 54302
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SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218682

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40218682002	**MW-17R**					
EPA 8015B Modified	Methane	52.9	ug/L	2.8	11/20/20 10:32	
EPA 8260	1,1-Dichloroethane	1.5J	ug/L	5.0	11/20/20 12:49	
EPA 8260	Trichloroethene	447	ug/L	5.0	11/20/20 12:49	
EPA 8260	Vinyl chloride	11.5	ug/L	5.0	11/20/20 12:49	
EPA 8260	cis-1,2-Dichloroethene	145	ug/L	5.0	11/20/20 12:49	
EPA 8260	trans-1,2-Dichloroethene	13.8	ug/L	7.7	11/20/20 12:49	
EPA 300.0	Sulfate	142	mg/L	20.0	11/20/20 16:30	
SM 5310C	Total Organic Carbon	35.7	mg/L	15.0	11/29/20 14:50	
40218682003	**MW-37R**					
EPA 8260	Trichloroethene	2.0	ug/L	1.0	11/20/20 15:48	
EPA 300.0	Sulfate	41.4	mg/L	2.0	11/19/20 19:23	
SM 5310C	Total Organic Carbon	2.2	mg/L	0.50	11/29/20 15:34	
40218682004	**MW-38**					
EPA 6010	Iron, Dissolved	48.9J	ug/L	100	11/24/20 05:36	
EPA 8260	1,1,1-Trichloroethane	0.49J	ug/L	1.0	11/20/20 16:11	
EPA 300.0	Nitrate as N	0.17	mg/L	0.15	11/19/20 19:38	
EPA 300.0	Sulfate	88.0	mg/L	10.0	11/20/20 16:45	
SM 5310C	Total Organic Carbon	1.5	mg/L	0.50	11/29/20 15:50	
40218682005	**MW-18R**					
EPA 8015B Modified	Ethane	2.8J	ug/L	5.6	11/20/20 10:53	
EPA 8015B Modified	Ethene	14.9	ug/L	5.0	11/20/20 10:53	
EPA 8015B Modified	Methane	605	ug/L	28.0	11/20/20 12:10	
EPA 6010	Iron, Dissolved	21800	ug/L	100	11/24/20 05:39	
EPA 8260	Vinyl chloride	129	ug/L	40.0	11/20/20 13:11	
EPA 8260	cis-1,2-Dichloroethene	3680	ug/L	40.0	11/20/20 13:11	
EPA 8260	trans-1,2-Dichloroethene	27.7J	ug/L	61.9	11/20/20 13:11	
SM 5310C	Total Organic Carbon	63.8	mg/L	3.0	11/29/20 16:06	
40218682006	**MW-16**					
EPA 8015B Modified	Ethene	20.6	ug/L	5.0	11/20/20 11:00	
EPA 8015B Modified	Methane	72.6	ug/L	2.8	11/20/20 11:00	
EPA 6010	Iron, Dissolved	6310	ug/L	100	11/24/20 05:41	
EPA 8260	1,1,1-Trichloroethane	167	ug/L	1.0	11/20/20 16:33	
EPA 8260	1,1-Dichloroethane	371	ug/L	10.0	11/23/20 07:38	
EPA 8260	1,1-Dichloroethene	5.0	ug/L	1.0	11/20/20 16:33	
EPA 8260	Tetrachloroethene	0.44J	ug/L	1.1	11/20/20 16:33	
EPA 8260	Trichloroethene	5.1	ug/L	1.0	11/20/20 16:33	
EPA 8260	Vinyl chloride	149	ug/L	1.0	11/20/20 16:33	
EPA 8260	cis-1,2-Dichloroethene	412	ug/L	10.0	11/23/20 07:38	
EPA 8260	trans-1,2-Dichloroethene	2.4	ug/L	1.5	11/20/20 16:33	
SM 5310C	Total Organic Carbon	126	mg/L	30.0	11/29/20 16:23	
40218682007	**MW-42**					
EPA 8015B Modified	Methane	3190	ug/L	140	11/20/20 12:17	
EPA 6010	Iron, Dissolved	5400	ug/L	100	11/24/20 05:44	
EPA 8260	1,1-Dichloroethene	6.5J	ug/L	10.0	11/20/20 13:34	

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.: 40218682

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40218682007	**MW-42**					
EPA 8260	Trichloroethene	2930	ug/L	50.0	11/23/20 08:01	
EPA 8260	cis-1,2-Dichloroethene	2730	ug/L	10.0	11/20/20 13:34	
EPA 8260	trans-1,2-Dichloroethene	7.9J	ug/L	15.5	11/20/20 13:34	
EPA 300.0	Sulfate	14.9	mg/L	10.0	11/19/20 20:23	
SM 5310C	Total Organic Carbon	19.0	mg/L	15.0	11/29/20 16:38	
40218682008	**MW-41**					
EPA 8015B Modified	Methane	317	ug/L	11.2	11/20/20 12:24	
EPA 6010	Iron, Dissolved	3330	ug/L	100	11/24/20 05:46	
EPA 8260	1,1-Dichloroethene	43.1	ug/L	25.0	11/20/20 14:19	
EPA 8260	Trichloroethene	3210	ug/L	25.0	11/20/20 14:19	
EPA 8260	cis-1,2-Dichloroethene	8580	ug/L	100	11/23/20 08:23	
EPA 8260	trans-1,2-Dichloroethene	42.1	ug/L	38.7	11/20/20 14:19	
EPA 300.0	Sulfate	46.9	mg/L	20.0	11/19/20 20:38	
SM 5310C	Total Organic Carbon	8.4	mg/L	1.5	11/29/20 17:12	
40218682009	**MW-4**					
EPA 8015B Modified	Methane	197	ug/L	2.8	11/20/20 11:21	
EPA 6010	Iron, Dissolved	1400	ug/L	100	11/24/20 05:48	
EPA 8260	1,1-Dichloroethene	10.6J	ug/L	20.0	11/20/20 14:41	
EPA 8260	Trichloroethene	113	ug/L	20.0	11/20/20 14:41	
EPA 8260	Vinyl chloride	4.1J	ug/L	20.0	11/20/20 14:41	
EPA 8260	cis-1,2-Dichloroethene	3930	ug/L	20.0	11/20/20 14:41	
EPA 8260	trans-1,2-Dichloroethene	74.4	ug/L	30.9	11/20/20 14:41	
EPA 300.0	Sulfate	71.5	mg/L	10.0	11/20/20 17:00	
SM 5310C	Total Organic Carbon	2.1	mg/L	0.50	11/29/20 17:26	
40218682010	**OP-14**					
EPA 8015B Modified	Methane	151	ug/L	2.8	11/20/20 11:28	
EPA 6010	Iron, Dissolved	2380	ug/L	100	11/24/20 05:51	
EPA 8260	1,1-Dichloroethane	3.3J	ug/L	4.0	11/20/20 15:04	
EPA 8260	Trichloroethene	14.7	ug/L	4.0	11/20/20 15:04	
EPA 8260	cis-1,2-Dichloroethene	275	ug/L	4.0	11/20/20 15:04	
EPA 8260	trans-1,2-Dichloroethene	2.4J	ug/L	6.2	11/20/20 15:04	
EPA 300.0	Sulfate	0.69J	mg/L	2.0	11/19/20 21:07	M0
SM 5310C	Total Organic Carbon	23.0	mg/L	5.0	11/29/20 17:40	
40218682011	**DUP-2**					
EPA 8260	Tetrachloroethene	0.40J	ug/L	1.1	11/20/20 19:10	

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.: 40218682

Sample: MW-11 **Lab ID: 40218682001** Collected: 11/18/20 08:48 Received: 11/19/20 10:10 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		11/20/20 15:26	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/20/20 15:26	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 15:26	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/20/20 15:26	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/20/20 15:26	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/20/20 15:26	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/20/20 15:26	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/20/20 15:26	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/20/20 15:26	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/20/20 15:26	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/20/20 15:26	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/20/20 15:26	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/20/20 15:26	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 15:26	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 15:26	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 15:26	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/20/20 15:26	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/20/20 15:26	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/20/20 15:26	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/20/20 15:26	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/20/20 15:26	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/20/20 15:26	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/20/20 15:26	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/20/20 15:26	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/20/20 15:26	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/20/20 15:26	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/20/20 15:26	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/20/20 15:26	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/20/20 15:26	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/20/20 15:26	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 15:26	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/20/20 15:26	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/20/20 15:26	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/20/20 15:26	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/20/20 15:26	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/20/20 15:26	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/20/20 15:26	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/20/20 15:26	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/20/20 15:26	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/20/20 15:26	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/20/20 15:26	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/20/20 15:26	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/20/20 15:26	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/20/20 15:26	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/20/20 15:26	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.: 40218682

Sample: MW-11 **Lab ID: 40218682001** Collected: 11/18/20 08:48 Received: 11/19/20 10:10 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		11/20/20 15:26	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/20/20 15:26	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/20/20 15:26	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/20/20 15:26	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/20/20 15:26	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/20/20 15:26	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/20/20 15:26	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/20/20 15:26	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 15:26	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/20/20 15:26	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/20/20 15:26	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/20/20 15:26	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/20/20 15:26	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/20/20 15:26	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/20/20 15:26	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/20/20 15:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		11/20/20 15:26	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		11/20/20 15:26	1868-53-7	
Toluene-d8 (S)	108	%	70-130		1		11/20/20 15:26	2037-26-5	

Sample: MW-17R **Lab ID: 40218682002** Collected: 11/18/20 09:21 Received: 11/19/20 10:10 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		11/20/20 10:32	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/20/20 10:32	74-85-1	
Methane	**52.9**	ug/L	2.8	0.66	1		11/20/20 10:32	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		11/24/20 05:27	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		11/20/20 12:49	630-20-6	
1,1,1-Trichloroethane	**<1.2**	ug/L	5.0	1.2	5		11/20/20 12:49	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.4**	ug/L	5.0	1.4	5		11/20/20 12:49	79-34-5	
1,1,2-Trichloroethane	**<2.8**	ug/L	25.0	2.8	5		11/20/20 12:49	79-00-5	
1,1-Dichloroethane	**1.5J**	ug/L	5.0	1.4	5		11/20/20 12:49	75-34-3	
1,1-Dichloroethene	**<1.2**	ug/L	5.0	1.2	5		11/20/20 12:49	75-35-4	

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.: 40218682

Sample: MW-17R **Lab ID: 40218682002** Collected: 11/18/20 09:21 Received: 11/19/20 10:10 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-Dichloropropene	**<2.7**	ug/L	9.0	2.7	5		11/20/20 12:49	563-58-6	
1,2,3-Trichlorobenzene	**<11.1**	ug/L	36.8	11.1	5		11/20/20 12:49	87-61-6	
1,2,3-Trichloropropane	**<3.0**	ug/L	25.0	3.0	5		11/20/20 12:49	96-18-4	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		11/20/20 12:49	120-82-1	
1,2,4-Trimethylbenzene	**<4.2**	ug/L	14.0	4.2	5		11/20/20 12:49	95-63-6	
1,2-Dibromo-3-chloropropane	**<8.8**	ug/L	29.4	8.8	5		11/20/20 12:49	96-12-8	
1,2-Dibromoethane (EDB)	**<4.1**	ug/L	13.8	4.1	5		11/20/20 12:49	106-93-4	
1,2-Dichlorobenzene	**<3.5**	ug/L	11.8	3.5	5		11/20/20 12:49	95-50-1	
1,2-Dichloroethane	**<1.4**	ug/L	5.0	1.4	5		11/20/20 12:49	107-06-2	
1,2-Dichloropropane	**<1.4**	ug/L	5.0	1.4	5		11/20/20 12:49	78-87-5	
1,3,5-Trimethylbenzene	**<4.4**	ug/L	14.6	4.4	5		11/20/20 12:49	108-67-8	
1,3-Dichlorobenzene	**<3.1**	ug/L	10.5	3.1	5		11/20/20 12:49	541-73-1	
1,3-Dichloropropane	**<4.1**	ug/L	13.8	4.1	5		11/20/20 12:49	142-28-9	
1,4-Dichlorobenzene	**<4.7**	ug/L	15.7	4.7	5		11/20/20 12:49	106-46-7	
2,2-Dichloropropane	**<11.3**	ug/L	37.8	11.3	5		11/20/20 12:49	594-20-7	
2-Chlorotoluene	**<4.6**	ug/L	25.0	4.6	5		11/20/20 12:49	95-49-8	
4-Chlorotoluene	**<3.8**	ug/L	12.6	3.8	5		11/20/20 12:49	106-43-4	
Benzene	**<1.2**	ug/L	5.0	1.2	5		11/20/20 12:49	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		11/20/20 12:49	108-86-1	
Bromochloromethane	**<1.8**	ug/L	25.0	1.8	5		11/20/20 12:49	74-97-5	
Bromodichloromethane	**<1.8**	ug/L	6.1	1.8	5		11/20/20 12:49	75-27-4	
Bromoform	**<19.9**	ug/L	66.2	19.9	5		11/20/20 12:49	75-25-2	
Bromomethane	**<4.9**	ug/L	25.0	4.9	5		11/20/20 12:49	74-83-9	
Carbon tetrachloride	**<5.4**	ug/L	17.9	5.4	5		11/20/20 12:49	56-23-5	
Chlorobenzene	**<3.6**	ug/L	11.8	3.6	5		11/20/20 12:49	108-90-7	
Chloroethane	**<6.7**	ug/L	25.0	6.7	5		11/20/20 12:49	75-00-3	
Chloroform	**<6.4**	ug/L	25.0	6.4	5		11/20/20 12:49	67-66-3	
Chloromethane	**<10.9**	ug/L	36.5	10.9	5		11/20/20 12:49	74-87-3	
Dibromochloromethane	**<13.0**	ug/L	43.4	13.0	5		11/20/20 12:49	124-48-1	
Dibromomethane	**<4.7**	ug/L	15.6	4.7	5		11/20/20 12:49	74-95-3	
Dichlorodifluoromethane	**<2.5**	ug/L	25.0	2.5	5		11/20/20 12:49	75-71-8	
Diisopropyl ether	**<9.4**	ug/L	31.5	9.4	5		11/20/20 12:49	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.3	1.6	5		11/20/20 12:49	100-41-4	
Hexachloro-1,3-butadiene	**<7.3**	ug/L	24.4	7.3	5		11/20/20 12:49	87-68-3	
Isopropylbenzene (Cumene)	**<8.4**	ug/L	28.1	8.4	5		11/20/20 12:49	98-82-8	
Methyl-tert-butyl ether	**<6.2**	ug/L	20.8	6.2	5		11/20/20 12:49	1634-04-4	
Methylene Chloride	**<2.9**	ug/L	25.0	2.9	5		11/20/20 12:49	75-09-2	
Naphthalene	**<5.9**	ug/L	25.0	5.9	5		11/20/20 12:49	91-20-3	
Styrene	**<15.0**	ug/L	50.2	15.0	5		11/20/20 12:49	100-42-5	
Tetrachloroethene	**<1.6**	ug/L	5.4	1.6	5		11/20/20 12:49	127-18-4	
Toluene	**<1.3**	ug/L	5.0	1.3	5		11/20/20 12:49	108-88-3	
Trichloroethene	**447**	ug/L	5.0	1.3	5		11/20/20 12:49	79-01-6	
Trichlorofluoromethane	**<1.1**	ug/L	5.0	1.1	5		11/20/20 12:49	75-69-4	
Vinyl chloride	**11.5**	ug/L	5.0	0.87	5		11/20/20 12:49	75-01-4	
cis-1,2-Dichloroethene	**145**	ug/L	5.0	1.4	5		11/20/20 12:49	156-59-2	

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.: 40218682

Sample: MW-17R **Lab ID: 40218682002** Collected: 11/18/20 09:21 Received: 11/19/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,3-Dichloropropene	**<18.1**	ug/L	60.5	18.1	5		11/20/20 12:49	10061-01-5	
m&p-Xylene	**<2.3**	ug/L	10.0	2.3	5		11/20/20 12:49	179601-23-1	
n-Butylbenzene	**<3.5**	ug/L	11.8	3.5	5		11/20/20 12:49	104-51-8	
n-Propylbenzene	**<4.1**	ug/L	25.0	4.1	5		11/20/20 12:49	103-65-1	
o-Xylene	**<1.3**	ug/L	5.0	1.3	5		11/20/20 12:49	95-47-6	
p-Isopropyltoluene	**<4.0**	ug/L	13.3	4.0	5		11/20/20 12:49	99-87-6	
sec-Butylbenzene	**<4.2**	ug/L	25.0	4.2	5		11/20/20 12:49	135-98-8	
tert-Butylbenzene	**<1.5**	ug/L	5.1	1.5	5		11/20/20 12:49	98-06-6	
trans-1,2-Dichloroethene	**13.8**	ug/L	7.7	2.3	5		11/20/20 12:49	156-60-5	
trans-1,3-Dichloropropene	**<21.9**	ug/L	72.8	21.9	5		11/20/20 12:49	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		5		11/20/20 12:49	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		5		11/20/20 12:49	1868-53-7	
Toluene-d8 (S)	107	%	70-130		5		11/20/20 12:49	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		11/19/20 18:24	14797-55-8	
Sulfate	**142**	mg/L	20.0	4.4	10		11/20/20 16:30	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**35.7**	mg/L	15.0	4.2	30		11/29/20 14:50	7440-44-0	

Sample: MW-37R **Lab ID: 40218682003** Collected: 11/18/20 09:58 Received: 11/19/20 10:10 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		11/20/20 10:39	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/20/20 10:39	74-85-1	
Methane	**<0.66**	ug/L	2.8	0.66	1		11/20/20 10:39	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		11/24/20 05:29	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		11/20/20 15:48	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/20/20 15:48	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 15:48	79-34-5	

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.: 40218682

Sample: MW-37R **Lab ID: 40218682003** Collected: 11/18/20 09:58 Received: 11/19/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/20/20 15:48	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/20/20 15:48	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/20/20 15:48	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/20/20 15:48	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/20/20 15:48	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/20/20 15:48	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/20/20 15:48	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/20/20 15:48	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/20/20 15:48	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/20/20 15:48	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 15:48	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 15:48	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 15:48	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/20/20 15:48	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/20/20 15:48	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/20/20 15:48	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/20/20 15:48	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/20/20 15:48	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/20/20 15:48	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/20/20 15:48	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/20/20 15:48	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/20/20 15:48	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/20/20 15:48	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/20/20 15:48	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/20/20 15:48	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/20/20 15:48	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/20/20 15:48	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 15:48	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/20/20 15:48	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/20/20 15:48	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/20/20 15:48	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/20/20 15:48	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/20/20 15:48	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/20/20 15:48	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/20/20 15:48	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/20/20 15:48	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/20/20 15:48	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/20/20 15:48	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/20/20 15:48	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/20/20 15:48	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/20/20 15:48	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/20/20 15:48	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/20/20 15:48	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/20/20 15:48	108-88-3	
Trichloroethene	**2.0**	ug/L	1.0	0.26	1		11/20/20 15:48	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.: 40218682

Sample: MW-37R **Lab ID: 40218682003** Collected: 11/18/20 09:58 Received: 11/19/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/20/20 15:48	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/20/20 15:48	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/20/20 15:48	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/20/20 15:48	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/20/20 15:48	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 15:48	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/20/20 15:48	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/20/20 15:48	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/20/20 15:48	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/20/20 15:48	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/20/20 15:48	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/20/20 15:48	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/20/20 15:48	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		11/20/20 15:48	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		11/20/20 15:48	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		11/20/20 15:48	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		11/19/20 19:23	14797-55-8	
Sulfate	**41.4**	mg/L	2.0	0.44	1		11/19/20 19:23	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.2**	mg/L	0.50	0.14	1		11/29/20 15:34	7440-44-0	

Sample: MW-38 **Lab ID: 40218682004** Collected: 11/18/20 10:33 Received: 11/19/20 10:10 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		11/20/20 10:46	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/20/20 10:46	74-85-1	
Methane	**<0.66**	ug/L	2.8	0.66	1		11/20/20 10:46	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
	Pace Analytical Services - Green Bay								
Iron, Dissolved	**48.9J**	ug/L	100	29.6	1		11/24/20 05:36	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.: 40218682

Sample: MW-38 **Lab ID: 40218682004** Collected: 11/18/20 10:33 Received: 11/19/20 10:10 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		11/20/20 16:11	630-20-6	
1,1,1-Trichloroethane	**0.49J**	ug/L	1.0	0.24	1		11/20/20 16:11	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 16:11	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/20/20 16:11	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/20/20 16:11	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/20/20 16:11	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/20/20 16:11	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/20/20 16:11	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/20/20 16:11	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/20/20 16:11	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/20/20 16:11	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/20/20 16:11	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/20/20 16:11	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 16:11	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 16:11	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 16:11	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/20/20 16:11	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/20/20 16:11	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/20/20 16:11	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/20/20 16:11	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/20/20 16:11	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/20/20 16:11	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/20/20 16:11	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/20/20 16:11	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/20/20 16:11	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/20/20 16:11	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/20/20 16:11	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/20/20 16:11	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/20/20 16:11	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/20/20 16:11	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 16:11	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/20/20 16:11	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/20/20 16:11	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/20/20 16:11	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/20/20 16:11	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/20/20 16:11	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/20/20 16:11	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/20/20 16:11	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/20/20 16:11	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/20/20 16:11	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/20/20 16:11	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/20/20 16:11	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/20/20 16:11	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/20/20 16:11	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/20/20 16:11	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.: 40218682

Sample: MW-38 **Lab ID: 40218682004** Collected: 11/18/20 10:33 Received: 11/19/20 10:10 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		11/20/20 16:11	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/20/20 16:11	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/20/20 16:11	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/20/20 16:11	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/20/20 16:11	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/20/20 16:11	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/20/20 16:11	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/20/20 16:11	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 16:11	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/20/20 16:11	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/20/20 16:11	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/20/20 16:11	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/20/20 16:11	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/20/20 16:11	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/20/20 16:11	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/20/20 16:11	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		11/20/20 16:11	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		11/20/20 16:11	1868-53-7	
Toluene-d8 (S)	108	%	70-130		1		11/20/20 16:11	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Nitrate as N	**0.17**	mg/L	0.15	0.044	1		11/19/20 19:38	14797-55-8	
Sulfate	**88.0**	mg/L	10.0	2.2	5		11/20/20 16:45	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**1.5**	mg/L	0.50	0.14	1		11/29/20 15:50	7440-44-0	

Sample: MW-18R **Lab ID: 40218682005** Collected: 11/18/20 11:11 Received: 11/19/20 10:10 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	**2.8J**	ug/L	5.6	1.2	1		11/20/20 10:53	74-84-0	
Ethene	**14.9**	ug/L	5.0	1.2	1		11/20/20 10:53	74-85-1	
Methane	**605**	ug/L	28.0	6.6	10		11/20/20 12:10	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
	Pace Analytical Services - Green Bay								
Iron, Dissolved	**21800**	ug/L	100	29.6	1		11/24/20 05:39	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.: 40218682

Sample: MW-18R **Lab ID: 40218682005** Collected: 11/18/20 11:11 Received: 11/19/20 10:10 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	**<10.8**	ug/L	40.0	10.8	40		11/20/20 13:11	630-20-6	
1,1,1-Trichloroethane	**<9.8**	ug/L	40.0	9.8	40		11/20/20 13:11	71-55-6	
1,1,2,2-Tetrachloroethane	**<11.0**	ug/L	40.0	11.0	40		11/20/20 13:11	79-34-5	
1,1,2-Trichloroethane	**<22.1**	ug/L	200	22.1	40		11/20/20 13:11	79-00-5	
1,1-Dichloroethane	**<10.9**	ug/L	40.0	10.9	40		11/20/20 13:11	75-34-3	
1,1-Dichloroethene	**<9.8**	ug/L	40.0	9.8	40		11/20/20 13:11	75-35-4	
1,1-Dichloropropene	**<21.6**	ug/L	72.0	21.6	40		11/20/20 13:11	563-58-6	
1,2,3-Trichlorobenzene	**<88.4**	ug/L	295	88.4	40		11/20/20 13:11	87-61-6	
1,2,3-Trichloropropane	**<23.6**	ug/L	200	23.6	40		11/20/20 13:11	96-18-4	
1,2,4-Trichlorobenzene	**<38.1**	ug/L	200	38.1	40		11/20/20 13:11	120-82-1	
1,2,4-Trimethylbenzene	**<33.6**	ug/L	112	33.6	40		11/20/20 13:11	95-63-6	
1,2-Dibromo-3-chloropropane	**<70.5**	ug/L	235	70.5	40		11/20/20 13:11	96-12-8	
1,2-Dibromoethane (EDB)	**<33.2**	ug/L	111	33.2	40		11/20/20 13:11	106-93-4	
1,2-Dichlorobenzene	**<28.2**	ug/L	94.0	28.2	40		11/20/20 13:11	95-50-1	
1,2-Dichloroethane	**<11.2**	ug/L	40.0	11.2	40		11/20/20 13:11	107-06-2	
1,2-Dichloropropane	**<11.3**	ug/L	40.0	11.3	40		11/20/20 13:11	78-87-5	
1,3,5-Trimethylbenzene	**<34.9**	ug/L	116	34.9	40		11/20/20 13:11	108-67-8	
1,3-Dichlorobenzene	**<25.1**	ug/L	83.7	25.1	40		11/20/20 13:11	541-73-1	
1,3-Dichloropropane	**<33.0**	ug/L	110	33.0	40		11/20/20 13:11	142-28-9	
1,4-Dichlorobenzene	**<37.7**	ug/L	126	37.7	40		11/20/20 13:11	106-46-7	
2,2-Dichloropropane	**<90.6**	ug/L	302	90.6	40		11/20/20 13:11	594-20-7	
2-Chlorotoluene	**<37.0**	ug/L	200	37.0	40		11/20/20 13:11	95-49-8	
4-Chlorotoluene	**<30.3**	ug/L	101	30.3	40		11/20/20 13:11	106-43-4	
Benzene	**<9.9**	ug/L	40.0	9.9	40		11/20/20 13:11	71-43-2	
Bromobenzene	**<9.6**	ug/L	40.0	9.6	40		11/20/20 13:11	108-86-1	
Bromochloromethane	**<14.5**	ug/L	200	14.5	40		11/20/20 13:11	74-97-5	
Bromodichloromethane	**<14.5**	ug/L	48.5	14.5	40		11/20/20 13:11	75-27-4	
Bromoform	**<159**	ug/L	530	159	40		11/20/20 13:11	75-25-2	
Bromomethane	**<38.9**	ug/L	200	38.9	40		11/20/20 13:11	74-83-9	
Carbon tetrachloride	**<43.1**	ug/L	144	43.1	40		11/20/20 13:11	56-23-5	
Chlorobenzene	**<28.4**	ug/L	94.8	28.4	40		11/20/20 13:11	108-90-7	
Chloroethane	**<53.7**	ug/L	200	53.7	40		11/20/20 13:11	75-00-3	
Chloroform	**<51.0**	ug/L	200	51.0	40		11/20/20 13:11	67-66-3	
Chloromethane	**<87.6**	ug/L	292	87.6	40		11/20/20 13:11	74-87-3	
Dibromochloromethane	**<104**	ug/L	347	104	40		11/20/20 13:11	124-48-1	
Dibromomethane	**<37.5**	ug/L	125	37.5	40		11/20/20 13:11	74-95-3	
Dichlorodifluoromethane	**<20.0**	ug/L	200	20.0	40		11/20/20 13:11	75-71-8	
Diisopropyl ether	**<75.5**	ug/L	252	75.5	40		11/20/20 13:11	108-20-3	
Ethylbenzene	**<12.7**	ug/L	42.5	12.7	40		11/20/20 13:11	100-41-4	
Hexachloro-1,3-butadiene	**<58.5**	ug/L	195	58.5	40		11/20/20 13:11	87-68-3	
Isopropylbenzene (Cumene)	**<67.4**	ug/L	225	67.4	40		11/20/20 13:11	98-82-8	
Methyl-tert-butyl ether	**<49.8**	ug/L	166	49.8	40		11/20/20 13:11	1634-04-4	
Methylene Chloride	**<23.2**	ug/L	200	23.2	40		11/20/20 13:11	75-09-2	
Naphthalene	**<47.0**	ug/L	200	47.0	40		11/20/20 13:11	91-20-3	
Styrene	**<120**	ug/L	401	120	40		11/20/20 13:11	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.: 40218682

Sample: MW-18R **Lab ID: 40218682005** Collected: 11/18/20 11:11 Received: 11/19/20 10:10 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	**<13.1**	ug/L	43.5	13.1	40		11/20/20 13:11	127-18-4	
Toluene	**<10.8**	ug/L	40.0	10.8	40		11/20/20 13:11	108-88-3	
Trichloroethene	**<10.2**	ug/L	40.0	10.2	40		11/20/20 13:11	79-01-6	
Trichlorofluoromethane	**<8.6**	ug/L	40.0	8.6	40		11/20/20 13:11	75-69-4	
Vinyl chloride	**129**	ug/L	40.0	7.0	40		11/20/20 13:11	75-01-4	
cis-1,2-Dichloroethene	**3680**	ug/L	40.0	10.8	40		11/20/20 13:11	156-59-2	
cis-1,3-Dichloropropene	**<145**	ug/L	484	145	40		11/20/20 13:11	10061-01-5	
m&p-Xylene	**<18.6**	ug/L	80.0	18.6	40		11/20/20 13:11	179601-23-1	
n-Butylbenzene	**<28.3**	ug/L	94.4	28.3	40		11/20/20 13:11	104-51-8	
n-Propylbenzene	**<32.4**	ug/L	200	32.4	40		11/20/20 13:11	103-65-1	
o-Xylene	**<10.5**	ug/L	40.0	10.5	40		11/20/20 13:11	95-47-6	
p-Isopropyltoluene	**<32.0**	ug/L	107	32.0	40		11/20/20 13:11	99-87-6	
sec-Butylbenzene	**<33.9**	ug/L	200	33.9	40		11/20/20 13:11	135-98-8	
tert-Butylbenzene	**<12.2**	ug/L	40.5	12.2	40		11/20/20 13:11	98-06-6	
trans-1,2-Dichloroethene	**27.7J**	ug/L	61.9	18.6	40		11/20/20 13:11	156-60-5	
trans-1,3-Dichloropropene	**<175**	ug/L	583	175	40		11/20/20 13:11	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		40		11/20/20 13:11	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		40		11/20/20 13:11	1868-53-7	
Toluene-d8 (S)	107	%	70-130		40		11/20/20 13:11	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Nitrate as N	**<0.22**	mg/L	0.75	0.22	5		11/19/20 19:53	14797-55-8	D3
Sulfate	**<2.2**	mg/L	10.0	2.2	5		11/19/20 19:53	14808-79-8	D3
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**63.8**	mg/L	3.0	0.83	6		11/29/20 16:06	7440-44-0	

Sample: MW-16 **Lab ID: 40218682006** Collected: 11/18/20 11:46 Received: 11/19/20 10:10 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		11/20/20 11:00	74-84-0	
Ethene	**20.6**	ug/L	5.0	1.2	1		11/20/20 11:00	74-85-1	
Methane	**72.6**	ug/L	2.8	0.66	1		11/20/20 11:00	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
	Pace Analytical Services - Green Bay								
Iron, Dissolved	**6310**	ug/L	100	29.6	1		11/24/20 05:41	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.: 40218682

Sample: MW-16 **Lab ID: 40218682006** Collected: 11/18/20 11:46 Received: 11/19/20 10:10 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		11/20/20 16:33	630-20-6	
1,1,1-Trichloroethane	**167**	ug/L	1.0	0.24	1		11/20/20 16:33	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 16:33	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/20/20 16:33	79-00-5	
1,1-Dichloroethane	**371**	ug/L	10.0	2.7	10		11/23/20 07:38	75-34-3	
1,1-Dichloroethene	**5.0**	ug/L	1.0	0.24	1		11/20/20 16:33	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/20/20 16:33	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/20/20 16:33	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/20/20 16:33	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/20/20 16:33	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/20/20 16:33	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/20/20 16:33	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/20/20 16:33	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 16:33	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 16:33	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 16:33	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/20/20 16:33	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/20/20 16:33	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/20/20 16:33	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/20/20 16:33	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/20/20 16:33	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/20/20 16:33	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/20/20 16:33	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/20/20 16:33	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/20/20 16:33	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/20/20 16:33	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/20/20 16:33	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/20/20 16:33	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/20/20 16:33	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/20/20 16:33	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 16:33	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/20/20 16:33	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/20/20 16:33	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/20/20 16:33	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/20/20 16:33	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/20/20 16:33	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/20/20 16:33	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/20/20 16:33	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/20/20 16:33	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/20/20 16:33	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/20/20 16:33	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/20/20 16:33	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/20/20 16:33	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/20/20 16:33	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/20/20 16:33	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.: 40218682

Sample: MW-16 **Lab ID: 40218682006** Collected: 11/18/20 11:46 Received: 11/19/20 10:10 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	**0.44J**	ug/L	1.1	0.33	1		11/20/20 16:33	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/20/20 16:33	108-88-3	
Trichloroethene	**5.1**	ug/L	1.0	0.26	1		11/20/20 16:33	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/20/20 16:33	75-69-4	
Vinyl chloride	**149**	ug/L	1.0	0.17	1		11/20/20 16:33	75-01-4	
cis-1,2-Dichloroethene	**412**	ug/L	10.0	2.7	10		11/23/20 07:38	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/20/20 16:33	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/20/20 16:33	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 16:33	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/20/20 16:33	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/20/20 16:33	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/20/20 16:33	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/20/20 16:33	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/20/20 16:33	98-06-6	
trans-1,2-Dichloroethene	**2.4**	ug/L	1.5	0.46	1		11/20/20 16:33	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/20/20 16:33	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		11/20/20 16:33	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		11/20/20 16:33	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		11/20/20 16:33	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Nitrate as N	**<0.22**	mg/L	0.75	0.22	5		11/19/20 20:08	14797-55-8	D3
Sulfate	**<2.2**	mg/L	10.0	2.2	5		11/19/20 20:08	14808-79-8	D3
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**126**	mg/L	30.0	8.3	60		11/29/20 16:23	7440-44-0	

Sample: MW-42 **Lab ID: 40218682007** Collected: 11/18/20 12:43 Received: 11/19/20 10:10 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		11/20/20 11:07	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/20/20 11:07	74-85-1	
Methane	**3190**	ug/L	140	33.2	50		11/20/20 12:17	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
	Pace Analytical Services - Green Bay								
Iron, Dissolved	**5400**	ug/L	100	29.6	1		11/24/20 05:44	7439-89-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218682

Sample: MW-42 **Lab ID: 40218682007** Collected: 11/18/20 12:43 Received: 11/19/20 10:10 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	**<2.7**	ug/L	10.0	2.7	10		11/20/20 13:34	630-20-6	
1,1,1-Trichloroethane	**<2.4**	ug/L	10.0	2.4	10		11/20/20 13:34	71-55-6	
1,1,2,2-Tetrachloroethane	**<2.8**	ug/L	10.0	2.8	10		11/20/20 13:34	79-34-5	
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		11/20/20 13:34	79-00-5	
1,1-Dichloroethane	**<2.7**	ug/L	10.0	2.7	10		11/20/20 13:34	75-34-3	
1,1-Dichloroethene	**6.5J**	ug/L	10.0	2.4	10		11/20/20 13:34	75-35-4	
1,1-Dichloropropene	**<5.4**	ug/L	18.0	5.4	10		11/20/20 13:34	563-58-6	
1,2,3-Trichlorobenzene	**<22.1**	ug/L	73.7	22.1	10		11/20/20 13:34	87-61-6	
1,2,3-Trichloropropane	**<5.9**	ug/L	50.0	5.9	10		11/20/20 13:34	96-18-4	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		11/20/20 13:34	120-82-1	
1,2,4-Trimethylbenzene	**<8.4**	ug/L	28.0	8.4	10		11/20/20 13:34	95-63-6	
1,2-Dibromo-3-chloropropane	**<17.6**	ug/L	58.8	17.6	10		11/20/20 13:34	96-12-8	
1,2-Dibromoethane (EDB)	**<8.3**	ug/L	27.6	8.3	10		11/20/20 13:34	106-93-4	
1,2-Dichlorobenzene	**<7.1**	ug/L	23.5	7.1	10		11/20/20 13:34	95-50-1	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		11/20/20 13:34	107-06-2	
1,2-Dichloropropane	**<2.8**	ug/L	10.0	2.8	10		11/20/20 13:34	78-87-5	
1,3,5-Trimethylbenzene	**<8.7**	ug/L	29.1	8.7	10		11/20/20 13:34	108-67-8	
1,3-Dichlorobenzene	**<6.3**	ug/L	20.9	6.3	10		11/20/20 13:34	541-73-1	
1,3-Dichloropropane	**<8.3**	ug/L	27.5	8.3	10		11/20/20 13:34	142-28-9	
1,4-Dichlorobenzene	**<9.4**	ug/L	31.5	9.4	10		11/20/20 13:34	106-46-7	
2,2-Dichloropropane	**<22.7**	ug/L	75.5	22.7	10		11/20/20 13:34	594-20-7	
2-Chlorotoluene	**<9.3**	ug/L	50.0	9.3	10		11/20/20 13:34	95-49-8	
4-Chlorotoluene	**<7.6**	ug/L	25.2	7.6	10		11/20/20 13:34	106-43-4	
Benzene	**<2.5**	ug/L	10.0	2.5	10		11/20/20 13:34	71-43-2	
Bromobenzene	**<2.4**	ug/L	10.0	2.4	10		11/20/20 13:34	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		11/20/20 13:34	74-97-5	
Bromodichloromethane	**<3.6**	ug/L	12.1	3.6	10		11/20/20 13:34	75-27-4	
Bromoform	**<39.7**	ug/L	132	39.7	10		11/20/20 13:34	75-25-2	
Bromomethane	**<9.7**	ug/L	50.0	9.7	10		11/20/20 13:34	74-83-9	
Carbon tetrachloride	**<10.8**	ug/L	35.9	10.8	10		11/20/20 13:34	56-23-5	
Chlorobenzene	**<7.1**	ug/L	23.7	7.1	10		11/20/20 13:34	108-90-7	
Chloroethane	**<13.4**	ug/L	50.0	13.4	10		11/20/20 13:34	75-00-3	
Chloroform	**<12.7**	ug/L	50.0	12.7	10		11/20/20 13:34	67-66-3	
Chloromethane	**<21.9**	ug/L	73.0	21.9	10		11/20/20 13:34	74-87-3	
Dibromochloromethane	**<26.0**	ug/L	86.7	26.0	10		11/20/20 13:34	124-48-1	
Dibromomethane	**<9.4**	ug/L	31.2	9.4	10		11/20/20 13:34	74-95-3	
Dichlorodifluoromethane	**<5.0**	ug/L	50.0	5.0	10		11/20/20 13:34	75-71-8	
Diisopropyl ether	**<18.9**	ug/L	62.9	18.9	10		11/20/20 13:34	108-20-3	
Ethylbenzene	**<3.2**	ug/L	10.6	3.2	10		11/20/20 13:34	100-41-4	
Hexachloro-1,3-butadiene	**<14.6**	ug/L	48.8	14.6	10		11/20/20 13:34	87-68-3	
Isopropylbenzene (Cumene)	**<16.9**	ug/L	56.2	16.9	10		11/20/20 13:34	98-82-8	
Methyl-tert-butyl ether	**<12.5**	ug/L	41.5	12.5	10		11/20/20 13:34	1634-04-4	
Methylene Chloride	**<5.8**	ug/L	50.0	5.8	10		11/20/20 13:34	75-09-2	
Naphthalene	**<11.8**	ug/L	50.0	11.8	10		11/20/20 13:34	91-20-3	
Styrene	**<30.1**	ug/L	100	30.1	10		11/20/20 13:34	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218682

Sample: MW-42 **Lab ID: 40218682007** Collected: 11/18/20 12:43 Received: 11/19/20 10:10 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	**<3.3**	ug/L	10.9	3.3	10		11/20/20 13:34	127-18-4	
Toluene	**<2.7**	ug/L	10.0	2.7	10		11/20/20 13:34	108-88-3	
Trichloroethene	**2930**	ug/L	50.0	12.8	50		11/23/20 08:01	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	10.0	2.1	10		11/20/20 13:34	75-69-4	
Vinyl chloride	**<1.7**	ug/L	10.0	1.7	10		11/20/20 13:34	75-01-4	
cis-1,2-Dichloroethene	**2730**	ug/L	10.0	2.7	10		11/20/20 13:34	156-59-2	
cis-1,3-Dichloropropene	**<36.3**	ug/L	121	36.3	10		11/20/20 13:34	10061-01-5	
m&p-Xylene	**<4.7**	ug/L	20.0	4.7	10		11/20/20 13:34	179601-23-1	
n-Butylbenzene	**<7.1**	ug/L	23.6	7.1	10		11/20/20 13:34	104-51-8	
n-Propylbenzene	**<8.1**	ug/L	50.0	8.1	10		11/20/20 13:34	103-65-1	
o-Xylene	**<2.6**	ug/L	10.0	2.6	10		11/20/20 13:34	95-47-6	
p-Isopropyltoluene	**<8.0**	ug/L	26.7	8.0	10		11/20/20 13:34	99-87-6	
sec-Butylbenzene	**<8.5**	ug/L	50.0	8.5	10		11/20/20 13:34	135-98-8	
tert-Butylbenzene	**<3.0**	ug/L	10.1	3.0	10		11/20/20 13:34	98-06-6	
trans-1,2-Dichloroethene	**7.9J**	ug/L	15.5	4.6	10		11/20/20 13:34	156-60-5	
trans-1,3-Dichloropropene	**<43.7**	ug/L	146	43.7	10		11/20/20 13:34	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		10		11/20/20 13:34	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		10		11/20/20 13:34	1868-53-7	
Toluene-d8 (S)	108	%	70-130		10		11/20/20 13:34	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Nitrate as N	**<0.22**	mg/L	0.75	0.22	5		11/19/20 20:23	14797-55-8	D3
Sulfate	**14.9**	mg/L	10.0	2.2	5		11/19/20 20:23	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**19.0**	mg/L	15.0	4.2	30		11/29/20 16:38	7440-44-0	

Sample: MW-41 **Lab ID: 40218682008** Collected: 11/18/20 13:17 Received: 11/19/20 10:10 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		11/20/20 11:14	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/20/20 11:14	74-85-1	
Methane	**317**	ug/L	11.2	2.7	4		11/20/20 12:24	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
	Pace Analytical Services - Green Bay								
Iron, Dissolved	**3330**	ug/L	100	29.6	1		11/24/20 05:46	7439-89-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218682

Sample: MW-41 **Lab ID: 40218682008** Collected: 11/18/20 13:17 Received: 11/19/20 10:10 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	**<6.7**	ug/L	25.0	6.7	25		11/20/20 14:19	630-20-6	
1,1,1-Trichloroethane	**<6.1**	ug/L	25.0	6.1	25		11/20/20 14:19	71-55-6	
1,1,2,2-Tetrachloroethane	**<6.9**	ug/L	25.0	6.9	25		11/20/20 14:19	79-34-5	
1,1,2-Trichloroethane	**<13.8**	ug/L	125	13.8	25		11/20/20 14:19	79-00-5	
1,1-Dichloroethane	**<6.8**	ug/L	25.0	6.8	25		11/20/20 14:19	75-34-3	
1,1-Dichloroethene	**43.1**	ug/L	25.0	6.1	25		11/20/20 14:19	75-35-4	
1,1-Dichloropropene	**<13.5**	ug/L	45.0	13.5	25		11/20/20 14:19	563-58-6	
1,2,3-Trichlorobenzene	**<55.3**	ug/L	184	55.3	25		11/20/20 14:19	87-61-6	
1,2,3-Trichloropropane	**<14.8**	ug/L	125	14.8	25		11/20/20 14:19	96-18-4	
1,2,4-Trichlorobenzene	**<23.8**	ug/L	125	23.8	25		11/20/20 14:19	120-82-1	
1,2,4-Trimethylbenzene	**<21.0**	ug/L	70.0	21.0	25		11/20/20 14:19	95-63-6	
1,2-Dibromo-3-chloropropane	**<44.1**	ug/L	147	44.1	25		11/20/20 14:19	96-12-8	
1,2-Dibromoethane (EDB)	**<20.7**	ug/L	69.1	20.7	25		11/20/20 14:19	106-93-4	
1,2-Dichlorobenzene	**<17.6**	ug/L	58.8	17.6	25		11/20/20 14:19	95-50-1	
1,2-Dichloroethane	**<7.0**	ug/L	25.0	7.0	25		11/20/20 14:19	107-06-2	
1,2-Dichloropropane	**<7.1**	ug/L	25.0	7.1	25		11/20/20 14:19	78-87-5	
1,3,5-Trimethylbenzene	**<21.8**	ug/L	72.8	21.8	25		11/20/20 14:19	108-67-8	
1,3-Dichlorobenzene	**<15.7**	ug/L	52.3	15.7	25		11/20/20 14:19	541-73-1	
1,3-Dichloropropane	**<20.6**	ug/L	68.8	20.6	25		11/20/20 14:19	142-28-9	
1,4-Dichlorobenzene	**<23.6**	ug/L	78.6	23.6	25		11/20/20 14:19	106-46-7	
2,2-Dichloropropane	**<56.6**	ug/L	189	56.6	25		11/20/20 14:19	594-20-7	
2-Chlorotoluene	**<23.2**	ug/L	125	23.2	25		11/20/20 14:19	95-49-8	
4-Chlorotoluene	**<18.9**	ug/L	63.0	18.9	25		11/20/20 14:19	106-43-4	
Benzene	**<6.2**	ug/L	25.0	6.2	25		11/20/20 14:19	71-43-2	
Bromobenzene	**<6.0**	ug/L	25.0	6.0	25		11/20/20 14:19	108-86-1	
Bromochloromethane	**<9.1**	ug/L	125	9.1	25		11/20/20 14:19	74-97-5	
Bromodichloromethane	**<9.1**	ug/L	30.3	9.1	25		11/20/20 14:19	75-27-4	
Bromoform	**<99.3**	ug/L	331	99.3	25		11/20/20 14:19	75-25-2	
Bromomethane	**<24.3**	ug/L	125	24.3	25		11/20/20 14:19	74-83-9	
Carbon tetrachloride	**<26.9**	ug/L	89.7	26.9	25		11/20/20 14:19	56-23-5	
Chlorobenzene	**<17.8**	ug/L	59.2	17.8	25		11/20/20 14:19	108-90-7	
Chloroethane	**<33.6**	ug/L	125	33.6	25		11/20/20 14:19	75-00-3	
Chloroform	**<31.8**	ug/L	125	31.8	25		11/20/20 14:19	67-66-3	
Chloromethane	**<54.7**	ug/L	182	54.7	25		11/20/20 14:19	74-87-3	
Dibromochloromethane	**<65.0**	ug/L	217	65.0	25		11/20/20 14:19	124-48-1	
Dibromomethane	**<23.4**	ug/L	78.1	23.4	25		11/20/20 14:19	74-95-3	
Dichlorodifluoromethane	**<12.5**	ug/L	125	12.5	25		11/20/20 14:19	75-71-8	
Diisopropyl ether	**<47.2**	ug/L	157	47.2	25		11/20/20 14:19	108-20-3	
Ethylbenzene	**<8.0**	ug/L	26.6	8.0	25		11/20/20 14:19	100-41-4	
Hexachloro-1,3-butadiene	**<36.6**	ug/L	122	36.6	25		11/20/20 14:19	87-68-3	
Isopropylbenzene (Cumene)	**<42.2**	ug/L	140	42.2	25		11/20/20 14:19	98-82-8	
Methyl-tert-butyl ether	**<31.1**	ug/L	104	31.1	25		11/20/20 14:19	1634-04-4	
Methylene Chloride	**<14.5**	ug/L	125	14.5	25		11/20/20 14:19	75-09-2	
Naphthalene	**<29.4**	ug/L	125	29.4	25		11/20/20 14:19	91-20-3	
Styrene	**<75.2**	ug/L	251	75.2	25		11/20/20 14:19	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.: 40218682

Sample: MW-41 **Lab ID: 40218682008** Collected: 11/18/20 13:17 Received: 11/19/20 10:10 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	**<8.2**	ug/L	27.2	8.2	25		11/20/20 14:19	127-18-4	
Toluene	**<6.7**	ug/L	25.0	6.7	25		11/20/20 14:19	108-88-3	
Trichloroethene	**3210**	ug/L	25.0	6.4	25		11/20/20 14:19	79-01-6	
Trichlorofluoromethane	**<5.4**	ug/L	25.0	5.4	25		11/20/20 14:19	75-69-4	
Vinyl chloride	**<4.4**	ug/L	25.0	4.4	25		11/20/20 14:19	75-01-4	
cis-1,2-Dichloroethene	**8580**	ug/L	100	27.1	100		11/23/20 08:23	156-59-2	
cis-1,3-Dichloropropene	**<90.7**	ug/L	302	90.7	25		11/20/20 14:19	10061-01-5	
m&p-Xylene	**<11.6**	ug/L	50.0	11.6	25		11/20/20 14:19	179601-23-1	
n-Butylbenzene	**<17.7**	ug/L	59.0	17.7	25		11/20/20 14:19	104-51-8	
n-Propylbenzene	**<20.3**	ug/L	125	20.3	25		11/20/20 14:19	103-65-1	
o-Xylene	**<6.5**	ug/L	25.0	6.5	25		11/20/20 14:19	95-47-6	
p-Isopropyltoluene	**<20.0**	ug/L	66.7	20.0	25		11/20/20 14:19	99-87-6	
sec-Butylbenzene	**<21.2**	ug/L	125	21.2	25		11/20/20 14:19	135-98-8	
tert-Butylbenzene	**<7.6**	ug/L	25.3	7.6	25		11/20/20 14:19	98-06-6	
trans-1,2-Dichloroethene	**42.1**	ug/L	38.7	11.6	25		11/20/20 14:19	156-60-5	
trans-1,3-Dichloropropene	**<109**	ug/L	364	109	25		11/20/20 14:19	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		25		11/20/20 14:19	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		25		11/20/20 14:19	1868-53-7	
Toluene-d8 (S)	108	%	70-130		25		11/20/20 14:19	2037-26-5	
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		11/19/20 20:38	14797-55-8	D3
Sulfate	**46.9**	mg/L	20.0	4.4	10		11/19/20 20:38	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**8.4**	mg/L	1.5	0.42	3		11/29/20 17:12	7440-44-0	

Sample: MW-4 **Lab ID: 40218682009** Collected: 11/18/20 13:50 Received: 11/19/20 10:10 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		11/20/20 11:21	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/20/20 11:21	74-85-1	
Methane	**197**	ug/L	2.8	0.66	1		11/20/20 11:21	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
	Pace Analytical Services - Green Bay								
Iron, Dissolved	**1400**	ug/L	100	29.6	1		11/24/20 05:48	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.: 40218682

Sample: MW-4 **Lab ID: 40218682009** Collected: 11/18/20 13:50 Received: 11/19/20 10:10 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	**<5.4**	ug/L	20.0	5.4	20		11/20/20 14:41	630-20-6	
1,1,1-Trichloroethane	**<4.9**	ug/L	20.0	4.9	20		11/20/20 14:41	71-55-6	
1,1,2,2-Tetrachloroethane	**<5.5**	ug/L	20.0	5.5	20		11/20/20 14:41	79-34-5	
1,1,2-Trichloroethane	**<11.0**	ug/L	100	11.0	20		11/20/20 14:41	79-00-5	
1,1-Dichloroethane	**<5.5**	ug/L	20.0	5.5	20		11/20/20 14:41	75-34-3	
1,1-Dichloroethene	**10.6J**	ug/L	20.0	4.9	20		11/20/20 14:41	75-35-4	
1,1-Dichloropropene	**<10.8**	ug/L	36.0	10.8	20		11/20/20 14:41	563-58-6	
1,2,3-Trichlorobenzene	**<44.2**	ug/L	147	44.2	20		11/20/20 14:41	87-61-6	
1,2,3-Trichloropropane	**<11.8**	ug/L	100	11.8	20		11/20/20 14:41	96-18-4	
1,2,4-Trichlorobenzene	**<19.0**	ug/L	100	19.0	20		11/20/20 14:41	120-82-1	
1,2,4-Trimethylbenzene	**<16.8**	ug/L	56.0	16.8	20		11/20/20 14:41	95-63-6	
1,2-Dibromo-3-chloropropane	**<35.3**	ug/L	118	35.3	20		11/20/20 14:41	96-12-8	
1,2-Dibromoethane (EDB)	**<16.6**	ug/L	55.3	16.6	20		11/20/20 14:41	106-93-4	
1,2-Dichlorobenzene	**<14.1**	ug/L	47.0	14.1	20		11/20/20 14:41	95-50-1	
1,2-Dichloroethane	**<5.6**	ug/L	20.0	5.6	20		11/20/20 14:41	107-06-2	
1,2-Dichloropropane	**<5.7**	ug/L	20.0	5.7	20		11/20/20 14:41	78-87-5	
1,3,5-Trimethylbenzene	**<17.5**	ug/L	58.2	17.5	20		11/20/20 14:41	108-67-8	
1,3-Dichlorobenzene	**<12.6**	ug/L	41.9	12.6	20		11/20/20 14:41	541-73-1	
1,3-Dichloropropane	**<16.5**	ug/L	55.1	16.5	20		11/20/20 14:41	142-28-9	
1,4-Dichlorobenzene	**<18.9**	ug/L	62.9	18.9	20		11/20/20 14:41	106-46-7	
2,2-Dichloropropane	**<45.3**	ug/L	151	45.3	20		11/20/20 14:41	594-20-7	
2-Chlorotoluene	**<18.5**	ug/L	100	18.5	20		11/20/20 14:41	95-49-8	
4-Chlorotoluene	**<15.1**	ug/L	50.4	15.1	20		11/20/20 14:41	106-43-4	
Benzene	**<4.9**	ug/L	20.0	4.9	20		11/20/20 14:41	71-43-2	
Bromobenzene	**<4.8**	ug/L	20.0	4.8	20		11/20/20 14:41	108-86-1	
Bromochloromethane	**<7.2**	ug/L	100	7.2	20		11/20/20 14:41	74-97-5	
Bromodichloromethane	**<7.3**	ug/L	24.2	7.3	20		11/20/20 14:41	75-27-4	
Bromoform	**<79.4**	ug/L	265	79.4	20		11/20/20 14:41	75-25-2	
Bromomethane	**<19.4**	ug/L	100	19.4	20		11/20/20 14:41	74-83-9	
Carbon tetrachloride	**<21.5**	ug/L	71.8	21.5	20		11/20/20 14:41	56-23-5	
Chlorobenzene	**<14.2**	ug/L	47.4	14.2	20		11/20/20 14:41	108-90-7	
Chloroethane	**<26.8**	ug/L	100	26.8	20		11/20/20 14:41	75-00-3	
Chloroform	**<25.5**	ug/L	100	25.5	20		11/20/20 14:41	67-66-3	
Chloromethane	**<43.8**	ug/L	146	43.8	20		11/20/20 14:41	74-87-3	
Dibromochloromethane	**<52.0**	ug/L	173	52.0	20		11/20/20 14:41	124-48-1	
Dibromomethane	**<18.7**	ug/L	62.5	18.7	20		11/20/20 14:41	74-95-3	
Dichlorodifluoromethane	**<10**	ug/L	100	10	20		11/20/20 14:41	75-71-8	
Diisopropyl ether	**<37.8**	ug/L	126	37.8	20		11/20/20 14:41	108-20-3	
Ethylbenzene	**<6.4**	ug/L	21.2	6.4	20		11/20/20 14:41	100-41-4	
Hexachloro-1,3-butadiene	**<29.3**	ug/L	97.6	29.3	20		11/20/20 14:41	87-68-3	
Isopropylbenzene (Cumene)	**<33.7**	ug/L	112	33.7	20		11/20/20 14:41	98-82-8	
Methyl-tert-butyl ether	**<24.9**	ug/L	83.1	24.9	20		11/20/20 14:41	1634-04-4	
Methylene Chloride	**<11.6**	ug/L	100	11.6	20		11/20/20 14:41	75-09-2	
Naphthalene	**<23.5**	ug/L	100	23.5	20		11/20/20 14:41	91-20-3	
Styrene	**<60.2**	ug/L	201	60.2	20		11/20/20 14:41	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.: 40218682

Sample: MW-4 **Lab ID: 40218682009** Collected: 11/18/20 13:50 Received: 11/19/20 10:10 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	**<6.5**	ug/L	21.8	6.5	20		11/20/20 14:41	127-18-4	
Toluene	**<5.4**	ug/L	20.0	5.4	20		11/20/20 14:41	108-88-3	
Trichloroethene	**113**	ug/L	20.0	5.1	20		11/20/20 14:41	79-01-6	
Trichlorofluoromethane	**<4.3**	ug/L	20.0	4.3	20		11/20/20 14:41	75-69-4	
Vinyl chloride	**4.1J**	ug/L	20.0	3.5	20		11/20/20 14:41	75-01-4	
cis-1,2-Dichloroethene	**3930**	ug/L	20.0	5.4	20		11/20/20 14:41	156-59-2	
cis-1,3-Dichloropropene	**<72.6**	ug/L	242	72.6	20		11/20/20 14:41	10061-01-5	
m&p-Xylene	**<9.3**	ug/L	40.0	9.3	20		11/20/20 14:41	179601-23-1	
n-Butylbenzene	**<14.2**	ug/L	47.2	14.2	20		11/20/20 14:41	104-51-8	
n-Propylbenzene	**<16.2**	ug/L	100	16.2	20		11/20/20 14:41	103-65-1	
o-Xylene	**<5.2**	ug/L	20.0	5.2	20		11/20/20 14:41	95-47-6	
p-Isopropyltoluene	**<16.0**	ug/L	53.3	16.0	20		11/20/20 14:41	99-87-6	
sec-Butylbenzene	**<17.0**	ug/L	100	17.0	20		11/20/20 14:41	135-98-8	
tert-Butylbenzene	**<6.1**	ug/L	20.3	6.1	20		11/20/20 14:41	98-06-6	
trans-1,2-Dichloroethene	**74.4**	ug/L	30.9	9.3	20		11/20/20 14:41	156-60-5	
trans-1,3-Dichloropropene	**<87.4**	ug/L	291	87.4	20		11/20/20 14:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		20		11/20/20 14:41	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		20		11/20/20 14:41	1868-53-7	
Toluene-d8 (S)	107	%	70-130		20		11/20/20 14:41	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		11/19/20 20:53	14797-55-8	
Sulfate	**71.5**	mg/L	10.0	2.2	5		11/20/20 17:00	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.1**	mg/L	0.50	0.14	1		11/29/20 17:26	7440-44-0	

Sample: OP-14 **Lab ID: 40218682010** Collected: 11/18/20 14:29 Received: 11/19/20 10:10 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		11/20/20 11:28	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/20/20 11:28	74-85-1	
Methane	**151**	ug/L	2.8	0.66	1		11/20/20 11:28	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
	Pace Analytical Services - Green Bay								
Iron, Dissolved	**2380**	ug/L	100	29.6	1		11/24/20 05:51	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.: 40218682

Sample: OP-14 **Lab ID: 40218682010** Collected: 11/18/20 14:29 Received: 11/19/20 10:10 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	**<1.1**	ug/L	4.0	1.1	4		11/20/20 15:04	630-20-6	
1,1,1-Trichloroethane	**<0.98**	ug/L	4.0	0.98	4		11/20/20 15:04	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.1**	ug/L	4.0	1.1	4		11/20/20 15:04	79-34-5	
1,1,2-Trichloroethane	**<2.2**	ug/L	20.0	2.2	4		11/20/20 15:04	79-00-5	
1,1-Dichloroethane	**3.3J**	ug/L	4.0	1.1	4		11/20/20 15:04	75-34-3	
1,1-Dichloroethene	**<0.98**	ug/L	4.0	0.98	4		11/20/20 15:04	75-35-4	
1,1-Dichloropropene	**<2.2**	ug/L	7.2	2.2	4		11/20/20 15:04	563-58-6	
1,2,3-Trichlorobenzene	**<8.8**	ug/L	29.5	8.8	4		11/20/20 15:04	87-61-6	
1,2,3-Trichloropropane	**<2.4**	ug/L	20.0	2.4	4		11/20/20 15:04	96-18-4	
1,2,4-Trichlorobenzene	**<3.8**	ug/L	20.0	3.8	4		11/20/20 15:04	120-82-1	
1,2,4-Trimethylbenzene	**<3.4**	ug/L	11.2	3.4	4		11/20/20 15:04	95-63-6	
1,2-Dibromo-3-chloropropane	**<7.1**	ug/L	23.5	7.1	4		11/20/20 15:04	96-12-8	
1,2-Dibromoethane (EDB)	**<3.3**	ug/L	11.1	3.3	4		11/20/20 15:04	106-93-4	
1,2-Dichlorobenzene	**<2.8**	ug/L	9.4	2.8	4		11/20/20 15:04	95-50-1	
1,2-Dichloroethane	**<1.1**	ug/L	4.0	1.1	4		11/20/20 15:04	107-06-2	
1,2-Dichloropropane	**<1.1**	ug/L	4.0	1.1	4		11/20/20 15:04	78-87-5	
1,3,5-Trimethylbenzene	**<3.5**	ug/L	11.6	3.5	4		11/20/20 15:04	108-67-8	
1,3-Dichlorobenzene	**<2.5**	ug/L	8.4	2.5	4		11/20/20 15:04	541-73-1	
1,3-Dichloropropane	**<3.3**	ug/L	11.0	3.3	4		11/20/20 15:04	142-28-9	
1,4-Dichlorobenzene	**<3.8**	ug/L	12.6	3.8	4		11/20/20 15:04	106-46-7	
2,2-Dichloropropane	**<9.1**	ug/L	30.2	9.1	4		11/20/20 15:04	594-20-7	
2-Chlorotoluene	**<3.7**	ug/L	20.0	3.7	4		11/20/20 15:04	95-49-8	
4-Chlorotoluene	**<3.0**	ug/L	10.1	3.0	4		11/20/20 15:04	106-43-4	
Benzene	**<0.99**	ug/L	4.0	0.99	4		11/20/20 15:04	71-43-2	
Bromobenzene	**<0.96**	ug/L	4.0	0.96	4		11/20/20 15:04	108-86-1	
Bromochloromethane	**<1.4**	ug/L	20.0	1.4	4		11/20/20 15:04	74-97-5	
Bromodichloromethane	**<1.5**	ug/L	4.8	1.5	4		11/20/20 15:04	75-27-4	
Bromoform	**<15.9**	ug/L	53.0	15.9	4		11/20/20 15:04	75-25-2	
Bromomethane	**<3.9**	ug/L	20.0	3.9	4		11/20/20 15:04	74-83-9	
Carbon tetrachloride	**<4.3**	ug/L	14.4	4.3	4		11/20/20 15:04	56-23-5	
Chlorobenzene	**<2.8**	ug/L	9.5	2.8	4		11/20/20 15:04	108-90-7	
Chloroethane	**<5.4**	ug/L	20.0	5.4	4		11/20/20 15:04	75-00-3	
Chloroform	**<5.1**	ug/L	20.0	5.1	4		11/20/20 15:04	67-66-3	
Chloromethane	**<8.8**	ug/L	29.2	8.8	4		11/20/20 15:04	74-87-3	
Dibromochloromethane	**<10.4**	ug/L	34.7	10.4	4		11/20/20 15:04	124-48-1	
Dibromomethane	**<3.7**	ug/L	12.5	3.7	4		11/20/20 15:04	74-95-3	
Dichlorodifluoromethane	**<2.0**	ug/L	20.0	2.0	4		11/20/20 15:04	75-71-8	
Diisopropyl ether	**<7.6**	ug/L	25.2	7.6	4		11/20/20 15:04	108-20-3	
Ethylbenzene	**<1.3**	ug/L	4.2	1.3	4		11/20/20 15:04	100-41-4	
Hexachloro-1,3-butadiene	**<5.9**	ug/L	19.5	5.9	4		11/20/20 15:04	87-68-3	
Isopropylbenzene (Cumene)	**<6.7**	ug/L	22.5	6.7	4		11/20/20 15:04	98-82-8	
Methyl-tert-butyl ether	**<5.0**	ug/L	16.6	5.0	4		11/20/20 15:04	1634-04-4	
Methylene Chloride	**<2.3**	ug/L	20.0	2.3	4		11/20/20 15:04	75-09-2	
Naphthalene	**<4.7**	ug/L	20.0	4.7	4		11/20/20 15:04	91-20-3	
Styrene	**<12.0**	ug/L	40.1	12.0	4		11/20/20 15:04	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.: 40218682

Sample: OP-14 **Lab ID: 40218682010** Collected: 11/18/20 14:29 Received: 11/19/20 10:10 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	**<1.3**	ug/L	4.4	1.3	4		11/20/20 15:04	127-18-4	
Toluene	**<1.1**	ug/L	4.0	1.1	4		11/20/20 15:04	108-88-3	
Trichloroethene	**14.7**	ug/L	4.0	1.0	4		11/20/20 15:04	79-01-6	
Trichlorofluoromethane	**<0.86**	ug/L	4.0	0.86	4		11/20/20 15:04	75-69-4	
Vinyl chloride	**<0.70**	ug/L	4.0	0.70	4		11/20/20 15:04	75-01-4	
cis-1,2-Dichloroethene	**275**	ug/L	4.0	1.1	4		11/20/20 15:04	156-59-2	
cis-1,3-Dichloropropene	**<14.5**	ug/L	48.4	14.5	4		11/20/20 15:04	10061-01-5	
m&p-Xylene	**<1.9**	ug/L	8.0	1.9	4		11/20/20 15:04	179601-23-1	
n-Butylbenzene	**<2.8**	ug/L	9.4	2.8	4		11/20/20 15:04	104-51-8	
n-Propylbenzene	**<3.2**	ug/L	20.0	3.2	4		11/20/20 15:04	103-65-1	
o-Xylene	**<1.0**	ug/L	4.0	1.0	4		11/20/20 15:04	95-47-6	
p-Isopropyltoluene	**<3.2**	ug/L	10.7	3.2	4		11/20/20 15:04	99-87-6	
sec-Butylbenzene	**<3.4**	ug/L	20.0	3.4	4		11/20/20 15:04	135-98-8	
tert-Butylbenzene	**<1.2**	ug/L	4.1	1.2	4		11/20/20 15:04	98-06-6	
trans-1,2-Dichloroethene	**2.4J**	ug/L	6.2	1.9	4		11/20/20 15:04	156-60-5	
trans-1,3-Dichloropropene	**<17.5**	ug/L	58.3	17.5	4		11/20/20 15:04	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		4		11/20/20 15:04	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		4		11/20/20 15:04	1868-53-7	
Toluene-d8 (S)	108	%	70-130		4		11/20/20 15:04	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Nitrate as N	**<0.22**	mg/L	0.75	0.22	5		11/20/20 17:15	14797-55-8	D3,H5, M0
Sulfate	**0.69J**	mg/L	2.0	0.44	1		11/19/20 21:07	14808-79-8	M0
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**23.0**	mg/L	5.0	1.4	10		11/29/20 17:40	7440-44-0	

Sample: DUP-2 **Lab ID: 40218682011** Collected: 11/18/20 00:00 Received: 11/19/20 10:10 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		11/20/20 19:10	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/20/20 19:10	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 19:10	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/20/20 19:10	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/20/20 19:10	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/20/20 19:10	75-35-4	

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.: 40218682

Sample: DUP-2 **Lab ID: 40218682011** Collected: 11/18/20 00:00 Received: 11/19/20 10:10 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-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/20/20 19:10	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/20/20 19:10	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/20/20 19:10	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/20/20 19:10	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/20/20 19:10	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/20/20 19:10	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/20/20 19:10	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 19:10	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 19:10	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 19:10	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/20/20 19:10	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/20/20 19:10	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/20/20 19:10	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/20/20 19:10	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/20/20 19:10	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/20/20 19:10	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/20/20 19:10	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/20/20 19:10	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/20/20 19:10	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/20/20 19:10	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/20/20 19:10	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/20/20 19:10	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/20/20 19:10	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/20/20 19:10	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 19:10	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/20/20 19:10	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/20/20 19:10	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/20/20 19:10	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/20/20 19:10	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/20/20 19:10	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/20/20 19:10	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/20/20 19:10	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/20/20 19:10	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/20/20 19:10	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/20/20 19:10	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/20/20 19:10	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/20/20 19:10	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/20/20 19:10	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/20/20 19:10	100-42-5	
Tetrachloroethene	**0.40J**	ug/L	1.1	0.33	1		11/20/20 19:10	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/20/20 19:10	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/20/20 19:10	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/20/20 19:10	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/20/20 19:10	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/20/20 19:10	156-59-2	

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.: 40218682

Sample: DUP-2 **Lab ID: 40218682011** Collected: 11/18/20 00:00 Received: 11/19/20 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/20/20 19:10	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/20/20 19:10	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 19:10	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/20/20 19:10	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/20/20 19:10	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/20/20 19:10	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/20/20 19:10	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/20/20 19:10	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/20/20 19:10	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/20/20 19:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		11/20/20 19:10	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		11/20/20 19:10	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		11/20/20 19:10	2037-26-5	

Sample: TRIP **Lab ID: 40218682012** Collected: 11/18/20 00:00 Received: 11/19/20 10:10 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		11/20/20 11:42	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/20/20 11:42	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 11:42	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/20/20 11:42	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/20/20 11:42	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/20/20 11:42	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/20/20 11:42	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/20/20 11:42	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/20/20 11:42	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/20/20 11:42	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/20/20 11:42	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/20/20 11:42	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/20/20 11:42	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 11:42	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 11:42	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/20/20 11:42	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/20/20 11:42	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/20/20 11:42	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/20/20 11:42	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/20/20 11:42	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/20/20 11:42	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/20/20 11:42	95-49-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218682

Sample: TRIP **Lab ID: 40218682012** Collected: 11/18/20 00:00 Received: 11/19/20 10:10 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		11/20/20 11:42	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/20/20 11:42	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/20/20 11:42	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/20/20 11:42	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/20/20 11:42	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/20/20 11:42	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/20/20 11:42	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/20/20 11:42	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 11:42	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/20/20 11:42	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/20/20 11:42	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/20/20 11:42	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/20/20 11:42	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/20/20 11:42	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/20/20 11:42	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/20/20 11:42	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/20/20 11:42	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/20/20 11:42	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/20/20 11:42	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/20/20 11:42	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/20/20 11:42	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/20/20 11:42	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/20/20 11:42	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/20/20 11:42	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/20/20 11:42	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/20/20 11:42	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/20/20 11:42	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/20/20 11:42	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/20/20 11:42	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/20/20 11:42	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/20/20 11:42	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/20/20 11:42	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/20/20 11:42	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/20/20 11:42	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/20/20 11:42	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/20/20 11:42	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/20/20 11:42	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/20/20 11:42	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/20/20 11:42	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		11/20/20 11:42	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		11/20/20 11:42	1868-53-7	
Toluene-d8 (S)	108	%	70-130		1		11/20/20 11:42	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.: 40218682

QC Batch: 371963
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: 40218682002, 40218682003, 40218682004, 40218682005, 40218682006, 40218682007, 40218682008, 40218682009, 40218682010

METHOD BLANK: 2150808 Matrix: Water
Associated Lab Samples: 40218682002, 40218682003, 40218682004, 40218682005, 40218682006, 40218682007, 40218682008, 40218682009, 40218682010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<1.2	5.6	11/20/20 08:16	
Ethene	ug/L	<1.2	5.0	11/20/20 08:16	
Methane	ug/L	<0.66	2.8	11/20/20 08:16	

LABORATORY CONTROL SAMPLE & LCSD: 2150809 2150810

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	55.9	58.4	104	109	80-120	4	20	
Ethene	ug/L	50	51.3	53.4	103	107	80-120	4	20	
Methane	ug/L	28.6	29.9	31.4	105	110	79-120	5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2151068 2151069

Parameter	Units	40218622002 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	57.2	57.8	107	108	79-120	1	20	
Ethene	ug/L	<1.2	50	50	52.8	53.2	106	106	79-120	1	20	
Methane	ug/L	6.1	28.6	28.6	32.8	33.2	93	95	10-200	1	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.: 40218682

QC Batch: 372210 — Analysis Method: EPA 6010
QC Batch Method: EPA 6010 — Analysis Description: ICP Metals, Trace, Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40218682002, 40218682003, 40218682004, 40218682005, 40218682006, 40218682007, 40218682008, 40218682009, 40218682010

METHOD BLANK: 2152360 — Matrix: Water
Associated Lab Samples: 40218682002, 40218682003, 40218682004, 40218682005, 40218682006, 40218682007, 40218682008, 40218682009, 40218682010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	11/24/20 04:43	

LABORATORY CONTROL SAMPLE: 2152361

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4610	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2152363 2152364

Parameter	Units	40218281001 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	163	5000	5000	4830	4800	93	93	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.: 40218682

QC Batch: 371938
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40218682001, 40218682002, 40218682003, 40218682004, 40218682005, 40218682006, 40218682007, 40218682008, 40218682009, 40218682010, 40218682011, 40218682012

METHOD BLANK: 2150710
Matrix: Water
Associated Lab Samples: 40218682001, 40218682002, 40218682003, 40218682004, 40218682005, 40218682006, 40218682007, 40218682008, 40218682009, 40218682010, 40218682011, 40218682012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	11/20/20 08:19	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	11/20/20 08:19	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	11/20/20 08:19	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	11/20/20 08:19	
1,1-Dichloroethane	ug/L	<0.27	1.0	11/20/20 08:19	
1,1-Dichloroethene	ug/L	<0.24	1.0	11/20/20 08:19	
1,1-Dichloropropene	ug/L	<0.54	1.8	11/20/20 08:19	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	11/20/20 08:19	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	11/20/20 08:19	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/20/20 08:19	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	11/20/20 08:19	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	11/20/20 08:19	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	11/20/20 08:19	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	11/20/20 08:19	
1,2-Dichloroethane	ug/L	<0.28	1.0	11/20/20 08:19	
1,2-Dichloropropane	ug/L	<0.28	1.0	11/20/20 08:19	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	11/20/20 08:19	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	11/20/20 08:19	
1,3-Dichloropropane	ug/L	<0.83	2.8	11/20/20 08:19	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	11/20/20 08:19	
2,2-Dichloropropane	ug/L	<2.3	7.6	11/20/20 08:19	
2-Chlorotoluene	ug/L	<0.93	5.0	11/20/20 08:19	
4-Chlorotoluene	ug/L	<0.76	2.5	11/20/20 08:19	
Benzene	ug/L	<0.25	1.0	11/20/20 08:19	
Bromobenzene	ug/L	<0.24	1.0	11/20/20 08:19	
Bromochloromethane	ug/L	<0.36	5.0	11/20/20 08:19	
Bromodichloromethane	ug/L	<0.36	1.2	11/20/20 08:19	
Bromoform	ug/L	<4.0	13.2	11/20/20 08:19	
Bromomethane	ug/L	<0.97	5.0	11/20/20 08:19	
Carbon tetrachloride	ug/L	<1.1	3.6	11/20/20 08:19	
Chlorobenzene	ug/L	<0.71	2.4	11/20/20 08:19	
Chloroethane	ug/L	<1.3	5.0	11/20/20 08:19	
Chloroform	ug/L	<1.3	5.0	11/20/20 08:19	
Chloromethane	ug/L	<2.2	7.3	11/20/20 08:19	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	11/20/20 08:19	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	11/20/20 08:19	
Dibromochloromethane	ug/L	<2.6	8.7	11/20/20 08:19	
Dibromomethane	ug/L	<0.94	3.1	11/20/20 08:19	
Dichlorodifluoromethane	ug/L	<0.50	5.0	11/20/20 08:19	

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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.: 40218682

METHOD BLANK: 2150710 Matrix: Water

Associated Lab Samples: 40218682001, 40218682002, 40218682003, 40218682004, 40218682005, 40218682006, 40218682007, 40218682008, 40218682009, 40218682010, 40218682011, 40218682012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.9	6.3	11/20/20 08:19	
Ethylbenzene	ug/L	<0.32	1.1	11/20/20 08:19	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	11/20/20 08:19	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	11/20/20 08:19	
m&p-Xylene	ug/L	<0.47	2.0	11/20/20 08:19	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	11/20/20 08:19	
Methylene Chloride	ug/L	<0.58	5.0	11/20/20 08:19	
n-Butylbenzene	ug/L	<0.71	2.4	11/20/20 08:19	
n-Propylbenzene	ug/L	<0.81	5.0	11/20/20 08:19	
Naphthalene	ug/L	<1.2	5.0	11/20/20 08:19	
o-Xylene	ug/L	<0.26	1.0	11/20/20 08:19	
p-Isopropyltoluene	ug/L	<0.80	2.7	11/20/20 08:19	
sec-Butylbenzene	ug/L	<0.85	5.0	11/20/20 08:19	
Styrene	ug/L	<3.0	10.0	11/20/20 08:19	
tert-Butylbenzene	ug/L	<0.30	1.0	11/20/20 08:19	
Tetrachloroethene	ug/L	<0.33	1.1	11/20/20 08:19	
Toluene	ug/L	<0.27	1.0	11/20/20 08:19	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	11/20/20 08:19	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	11/20/20 08:19	
Trichloroethene	ug/L	<0.26	1.0	11/20/20 08:19	
Trichlorofluoromethane	ug/L	<0.21	1.0	11/20/20 08:19	
Vinyl chloride	ug/L	<0.17	1.0	11/20/20 08:19	
4-Bromofluorobenzene (S)	%	106	70-130	11/20/20 08:19	
Dibromofluoromethane (S)	%	100	70-130	11/20/20 08:19	
Toluene-d8 (S)	%	107	70-130	11/20/20 08:19	

LABORATORY CONTROL SAMPLE: 2150711

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	59.4	119	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.9	96	64-131	
1,1,2-Trichloroethane	ug/L	50	51.5	103	70-130	
1,1-Dichloroethane	ug/L	50	51.4	103	69-163	
1,1-Dichloroethene	ug/L	50	50.8	102	77-123	
1,2,4-Trichlorobenzene	ug/L	50	41.8	84	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	45.8	92	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	70-130	
1,2-Dichlorobenzene	ug/L	50	46.2	92	70-130	
1,2-Dichloroethane	ug/L	50	57.9	116	78-142	
1,2-Dichloropropane	ug/L	50	51.6	103	86-134	
1,3-Dichlorobenzene	ug/L	50	46.2	92	70-130	
1,4-Dichlorobenzene	ug/L	50	46.7	93	70-130	
Benzene	ug/L	50	46.5	93	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.: 40218682

LABORATORY CONTROL SAMPLE: 2150711

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	50	59.6	119	70-130	
Bromoform	ug/L	50	60.0	120	70-130	
Bromomethane	ug/L	50	27.0	54	39-129	
Carbon tetrachloride	ug/L	50	61.6	123	70-132	
Chlorobenzene	ug/L	50	51.2	102	70-130	
Chloroethane	ug/L	50	40.8	82	66-140	
Chloroform	ug/L	50	53.5	107	75-132	
Chloromethane	ug/L	50	34.9	70	32-143	
cis-1,2-Dichloroethene	ug/L	50	46.1	92	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.4	95	70-130	
Dibromochloromethane	ug/L	50	57.7	115	70-130	
Dichlorodifluoromethane	ug/L	50	44.4	89	10-141	
Ethylbenzene	ug/L	50	55.5	111	80-120	
Isopropylbenzene (Cumene)	ug/L	50	54.9	110	70-130	
m&p-Xylene	ug/L	100	105	105	70-130	
Methyl-tert-butyl ether	ug/L	50	45.7	91	61-129	
Methylene Chloride	ug/L	50	48.8	98	70-130	
o-Xylene	ug/L	50	51.9	104	70-130	
Styrene	ug/L	50	51.2	102	70-130	
Tetrachloroethene	ug/L	50	54.7	109	70-130	
Toluene	ug/L	50	52.0	104	80-120	
trans-1,2-Dichloroethene	ug/L	50	52.5	105	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.0	96	69-130	
Trichloroethene	ug/L	50	55.9	112	70-130	
Trichlorofluoromethane	ug/L	50	58.5	117	75-145	
Vinyl chloride	ug/L	50	41.9	84	51-140	
4-Bromofluorobenzene (S)	%			115	70-130	
Dibromofluoromethane (S)	%			104	70-130	
Toluene-d8 (S)	%			108	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2150841 2150842

Parameter	Units	40218714002 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	61.2	62.4	122	125	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	45.5	48.8	91	98	64-137	7	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	50.5	53.5	101	107	70-137	6	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	52.0	53.3	104	107	69-163	2	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	51.3	52.7	103	105	77-129	3	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	42.3	45.6	85	91	68-130	8	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	43.5	47.5	87	95	60-130	9	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	49.9	51.8	100	104	70-130	4	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	46.9	49.3	94	99	70-130	5	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	58.2	59.3	116	119	78-145	2	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.: 40218682

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2150841 2150842

Parameter	Units	40218714002 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	51.7	51.9	103	104	86-135	0	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	47.5	49.8	95	100	70-130	5	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	47.5	50.3	95	101	70-130	6	20	
Benzene	ug/L	<0.25	50	50	47.8	48.9	96	98	70-136	2	20	
Bromodichloromethane	ug/L	<0.36	50	50	60.4	61.8	121	124	70-130	2	20	
Bromoform	ug/L	<4.0	50	50	58.3	60.9	117	122	69-130	4	20	
Bromomethane	ug/L	<0.97	50	50	33.4	36.3	67	73	39-138	8	20	
Carbon tetrachloride	ug/L	<1.1	50	50	61.7	64.5	123	129	70-142	4	20	
Chlorobenzene	ug/L	<0.71	50	50	52.5	54.4	105	109	70-130	4	20	
Chloroethane	ug/L	<1.3	50	50	42.9	44.4	86	89	61-149	3	20	
Chloroform	ug/L	<1.3	50	50	55.1	56.8	109	113	75-133	3	20	
Chloromethane	ug/L	<2.2	50	50	36.4	37.6	73	75	32-143	3	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	47.4	48.9	95	98	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	48.2	49.0	96	98	70-130	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	56.3	59.0	113	118	70-130	5	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	45.5	47.2	91	94	10-141	4	20	
Ethylbenzene	ug/L	<0.32	50	50	56.7	59.2	113	118	80-120	4	20	
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	56.2	57.9	112	116	70-130	3	20	
m&p-Xylene	ug/L	<0.47	100	100	108	111	108	111	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	43.1	45.2	86	90	61-136	5	20	
Methylene Chloride	ug/L	<0.58	50	50	50.2	51.1	100	102	68-137	2	20	
o-Xylene	ug/L	<0.26	50	50	53.6	55.8	107	112	70-130	4	20	
Styrene	ug/L	<3.0	50	50	53.3	53.7	107	107	70-130	1	20	
Tetrachloroethene	ug/L	0.49J	50	50	57.5	59.2	114	118	70-130	3	20	
Toluene	ug/L	<0.27	50	50	54.1	55.3	108	111	80-120	2	20	
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	54.0	55.2	108	110	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	47.9	50.5	96	101	69-130	5	20	
Trichloroethene	ug/L	<0.26	50	50	56.6	58.5	113	117	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	58.3	60.5	117	121	74-157	4	20	
Vinyl chloride	ug/L	<0.17	50	50	43.5	45.0	87	90	51-140	3	20	
4-Bromofluorobenzene (S)	%						115	115	70-130			
Dibromofluoromethane (S)	%						103	102	70-130			
Toluene-d8 (S)	%						109	109	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.: 40218682

QC Batch: 371909
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: 40218682002, 40218682003, 40218682004, 40218682005, 40218682006, 40218682007, 40218682008, 40218682009, 40218682010

METHOD BLANK: 2150506 Matrix: Water
Associated Lab Samples: 40218682002, 40218682003, 40218682004, 40218682005, 40218682006, 40218682007, 40218682008, 40218682009, 40218682010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	<0.044	0.15	11/19/20 17:51	
Sulfate	mg/L	<0.44	2.0	11/19/20 17:51	

LABORATORY CONTROL SAMPLE: 2150507

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	21.1	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2150508 2150509

Parameter	Units	40218682010 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	6.7	6.7	89	90	90-110	0	15	M0
Sulfate	mg/L	0.69J	20	20	23.4	23.3	114	113	90-110	0	15	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2150510 2150511

Parameter	Units	40218679003 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	<2.2	75	75	80.0	79.4	107	106	90-110	1	15	
Sulfate	mg/L	174	1000	1000	1240	1240	107	106	90-110	0	15	

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.: 40218682

QC Batch: 372455
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40218682002, 40218682003, 40218682004, 40218682005, 40218682006, 40218682007, 40218682008, 40218682009, 40218682010

METHOD BLANK: 2153561 Matrix: Water
Associated Lab Samples: 40218682002, 40218682003, 40218682004, 40218682005, 40218682006, 40218682007, 40218682008, 40218682009, 40218682010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	11/29/20 14:20	

LABORATORY CONTROL SAMPLE: 2153562

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	13.0	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2153563 2153564

Parameter	Units	40218682002 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	35.7	180	180	218	220	101	102	80-120	1	10	

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

REPORT OF LABORATORY ANALYSIS

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.: 40218682

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.
H5	Reanalysis conducted in excess of EPA method holding time. Results confirm original analysis performed in hold time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory 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.: 40218682

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40218682002	**MW-17R**	EPA 8015B Modified	371963		
40218682003	**MW-37R**	EPA 8015B Modified	371963		
40218682004	**MW-38**	EPA 8015B Modified	371963		
40218682005	**MW-18R**	EPA 8015B Modified	371963		
40218682006	**MW-16**	EPA 8015B Modified	371963		
40218682007	**MW-42**	EPA 8015B Modified	371963		
40218682008	**MW-41**	EPA 8015B Modified	371963		
40218682009	**MW-4**	EPA 8015B Modified	371963		
40218682010	**OP-14**	EPA 8015B Modified	371963		
40218682002	**MW-17R**	EPA 6010	372210		
40218682003	**MW-37R**	EPA 6010	372210		
40218682004	**MW-38**	EPA 6010	372210		
40218682005	**MW-18R**	EPA 6010	372210		
40218682006	**MW-16**	EPA 6010	372210		
40218682007	**MW-42**	EPA 6010	372210		
40218682008	**MW-41**	EPA 6010	372210		
40218682009	**MW-4**	EPA 6010	372210		
40218682010	**OP-14**	EPA 6010	372210		
40218682001	**MW-11**	EPA 8260	371938		
40218682002	**MW-17R**	EPA 8260	371938		
40218682003	**MW-37R**	EPA 8260	371938		
40218682004	**MW-38**	EPA 8260	371938		
40218682005	**MW-18R**	EPA 8260	371938		
40218682006	**MW-16**	EPA 8260	371938		
40218682007	**MW-42**	EPA 8260	371938		
40218682008	**MW-41**	EPA 8260	371938		
40218682009	**MW-4**	EPA 8260	371938		
40218682010	**OP-14**	EPA 8260	371938		
40218682011	**DUP-2**	EPA 8260	371938		
40218682012	**TRIP**	EPA 8260	371938		
40218682002	**MW-17R**	EPA 300.0	371909		
40218682003	**MW-37R**	EPA 300.0	371909		
40218682004	**MW-38**	EPA 300.0	371909		
40218682005	**MW-18R**	EPA 300.0	371909		
40218682006	**MW-16**	EPA 300.0	371909		
40218682007	**MW-42**	EPA 300.0	371909		
40218682008	**MW-41**	EPA 300.0	371909		
40218682009	**MW-4**	EPA 300.0	371909		
40218682010	**OP-14**	EPA 300.0	371909		
40218682002	**MW-17R**	SM 5310C	372455		
40218682003	**MW-37R**	SM 5310C	372455		
40218682004	**MW-38**	SM 5310C	372455		
40218682005	**MW-18R**	SM 5310C	372455		
40218682006	**MW-16**	SM 5310C	372455		
40218682007	**MW-42**	SM 5310C	372455		
40218682008	**MW-41**	SM 5310C	372455		
40218682009	**MW-4**	SM 5310C	372455		

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218682

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40218682010	**OP-14**	SM 5310C	372455		

(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):	Alex Amundson
Sampled By (Sign):	A. Am
PO #:	

Regulatory Program:

Pace Analytical® www.pacelabs.com

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

COC No. 4018682

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 #:	
Mail To Contact:	Kevin Hedinger
Mail To Company:	GZA
Mail To Address:	17975 W. Sarah Lane STE 100 Brookfield, WI
Invoice To Contact:	AP@gza.com
Invoice To Company:	GZA
Invoice To Address:	SAME
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

Analyses Requested

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	VOC	Dissolved Fe	Ethane, Ethene, Methane	Sulfate, Nitrate	TOC					CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
FILTERED? (YES/NO) Y/N					N	Y	N	N	N							
PRESERVATION (CODE)* Pick Letter					B	D	B	A	A							
001	MW-11	11/18/20	0848	GW	X											
002	MW-17R	11/18/20	0921	GW	X	X	X	X	X							
003	MW-37R	11/18/20	0958	GW	X	X	X	X	X							
004	MW-38	11/18/20	1033	GW	X	X	X	X	X							
005	MW-18R	11/18/20	1111	GW	X	X	X	X	X							
006	MW-16	11/18/20	1146	GW	X	X	X	X	X							
007	MW-42	11/18/20	1243	GW	X	X	X	X	X							
008	MW-41	11/18/20	1317	GW	X	X	X	X	X							
009	MW-4	11/18/20	1350	GW	X	X	X	X	X							
010	OP-14	11/18/20	1429	GW	X	X	X	X	X							
011	DUP-2	11/18/20	–	GW	X											
012	Trip	11/18/20	–	GW	X											
				GW												

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]	11/18/20 1530		
C S Rogahn	11/19/20 1010	Susan K Wolfe	11/19/20 1010

PACE Project No. 4018682

Receipt Temp = ROI °C

Sample Receipt pH
11/19/20 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 # 40248682

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

Lab Lot# of pH paper: 10154194 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				1						X		1					3													X		2.5 / 5 / 10
002				1						1		1					6													X		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				1						1		1					6													X		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					3													X		2.5 / 5 / 10
012				1						1		1					1													X		2.5 / 5 / 10
013																																2.5 / 5 / 10
014																																2.5 / 5 / 10
015																																2.5 / 5 / 10
016																																2.5 / 5 / 10
017																																2.5 / 5 / 10
018																																2.5 / 5 / 10
019																																2.5 / 5 / 10
020																											11/19/2020						2.5 / 5 / 10

11/19/2020 KW

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#: 40218682

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

Tracking #: 2192 1118 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 - N/A **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: RDI /Corr:

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

Person examining contents: Date: 11-9-20 /Initials: SW

Labeled By Initials: SRK

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: -Includes date/time/ID/Analysis Matrix: W	☑Yes ☐No ☐N/A	12. 004 one vial has no label 11/19/20 SRK
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 455		

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

November 30, 2020

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

RE: Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218849

Dear Kevin Hedinger:

Enclosed are the analytical results for sample(s) received by the laboratory on November 21, 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.: 40218849

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

REPORT OF LABORATORY ANALYSIS

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.: 40218849

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40218849001	**MW-27**	Water	11/20/20 08:46	11/21/20 08:05
40218849002	**MW-25**	Water	11/20/20 09:24	11/21/20 08:05
40218849003	**MW-29**	Water	11/20/20 09:57	11/21/20 08:05
40218849004	**DUP-4**	Water	11/20/20 00:00	11/21/20 08:05
40218849005	**TRIP**	Water	11/20/20 00:00	11/21/20 08:05

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(920)469-2436

SAMPLE ANALYTE COUNT

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218849

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40218849001	**MW-27**	EPA 8260	HNW	64	PASI-G
40218849002	**MW-25**	EPA 8260	HNW	64	PASI-G
40218849003	**MW-29**	EPA 8260	HNW	64	PASI-G
40218849004	**DUP-4**	EPA 8260	HNW	64	PASI-G
40218849005	**TRIP**	EPA 8260	HNW	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
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Green Bay, WI 54302
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SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218849

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40218849001	**MW-27**					
EPA 8260	Vinyl chloride	0.35J	ug/L	1.0	11/25/20 15:34	
EPA 8260	cis-1,2-Dichloroethene	0.38J	ug/L	1.0	11/25/20 15:34	

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218849

Sample: MW-27 **Lab ID: 40218849001** Collected: 11/20/20 08:46 Received: 11/21/20 08:05 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		11/25/20 15:34	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/25/20 15:34	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 15:34	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/25/20 15:34	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/25/20 15:34	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/25/20 15:34	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/25/20 15:34	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/25/20 15:34	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/25/20 15:34	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/25/20 15:34	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/25/20 15:34	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/25/20 15:34	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/25/20 15:34	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 15:34	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 15:34	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 15:34	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/25/20 15:34	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/25/20 15:34	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/25/20 15:34	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/25/20 15:34	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/25/20 15:34	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/25/20 15:34	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/25/20 15:34	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/25/20 15:34	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/25/20 15:34	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/25/20 15:34	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/25/20 15:34	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/25/20 15:34	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/25/20 15:34	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/25/20 15:34	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 15:34	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/25/20 15:34	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/25/20 15:34	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/25/20 15:34	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/25/20 15:34	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/25/20 15:34	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/25/20 15:34	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/25/20 15:34	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/25/20 15:34	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/25/20 15:34	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/25/20 15:34	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/25/20 15:34	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/25/20 15:34	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/25/20 15:34	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/25/20 15:34	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.: 40218849

Sample: MW-27 **Lab ID: 40218849001** Collected: 11/20/20 08:46 Received: 11/21/20 08:05 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		11/25/20 15:34	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/25/20 15:34	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/25/20 15:34	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/25/20 15:34	75-69-4	
Vinyl chloride	**0.35J**	ug/L	1.0	0.17	1		11/25/20 15:34	75-01-4	
cis-1,2-Dichloroethene	**0.38J**	ug/L	1.0	0.27	1		11/25/20 15:34	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/25/20 15:34	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/25/20 15:34	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 15:34	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/25/20 15:34	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/25/20 15:34	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/25/20 15:34	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/25/20 15:34	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/25/20 15:34	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/25/20 15:34	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/25/20 15:34	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		11/25/20 15:34	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		11/25/20 15:34	1868-53-7	
Toluene-d8 (S)	107	%	70-130		1		11/25/20 15:34	2037-26-5	

Sample: MW-25 **Lab ID: 40218849002** Collected: 11/20/20 09:24 Received: 11/21/20 08:05 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		11/25/20 15:57	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/25/20 15:57	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 15:57	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/25/20 15:57	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/25/20 15:57	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/25/20 15:57	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/25/20 15:57	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/25/20 15:57	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/25/20 15:57	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/25/20 15:57	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/25/20 15:57	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/25/20 15:57	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/25/20 15:57	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 15:57	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 15:57	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 15:57	78-87-5	

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.: 40218849

Sample: MW-25 **Lab ID: 40218849002** Collected: 11/20/20 09:24 Received: 11/21/20 08:05 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		11/25/20 15:57	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/25/20 15:57	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/25/20 15:57	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/25/20 15:57	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/25/20 15:57	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/25/20 15:57	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/25/20 15:57	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/25/20 15:57	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/25/20 15:57	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/25/20 15:57	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/25/20 15:57	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/25/20 15:57	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/25/20 15:57	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/25/20 15:57	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 15:57	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/25/20 15:57	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/25/20 15:57	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/25/20 15:57	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/25/20 15:57	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/25/20 15:57	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/25/20 15:57	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/25/20 15:57	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/25/20 15:57	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/25/20 15:57	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/25/20 15:57	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/25/20 15:57	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/25/20 15:57	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/25/20 15:57	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/25/20 15:57	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/25/20 15:57	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/25/20 15:57	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/25/20 15:57	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/25/20 15:57	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/25/20 15:57	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/25/20 15:57	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/25/20 15:57	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/25/20 15:57	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 15:57	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/25/20 15:57	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/25/20 15:57	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/25/20 15:57	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/25/20 15:57	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/25/20 15:57	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/25/20 15:57	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/25/20 15:57	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218849

Sample: MW-25 **Lab ID: 40218849002** Collected: 11/20/20 09:24 Received: 11/21/20 08:05 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		11/25/20 15:57	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		11/25/20 15:57	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		11/25/20 15:57	2037-26-5	

Sample: MW-29 **Lab ID: 40218849003** Collected: 11/20/20 09:57 Received: 11/21/20 08:05 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		11/25/20 16:19	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/25/20 16:19	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 16:19	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/25/20 16:19	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/25/20 16:19	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/25/20 16:19	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/25/20 16:19	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/25/20 16:19	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/25/20 16:19	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/25/20 16:19	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/25/20 16:19	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/25/20 16:19	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/25/20 16:19	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 16:19	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 16:19	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 16:19	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/25/20 16:19	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/25/20 16:19	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/25/20 16:19	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/25/20 16:19	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/25/20 16:19	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/25/20 16:19	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/25/20 16:19	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/25/20 16:19	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/25/20 16:19	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/25/20 16:19	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/25/20 16:19	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/25/20 16:19	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/25/20 16:19	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/25/20 16:19	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 16:19	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/25/20 16:19	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.: 40218849

Sample: MW-29 **Lab ID: 40218849003** Collected: 11/20/20 09:57 Received: 11/21/20 08:05 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		11/25/20 16:19	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/25/20 16:19	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/25/20 16:19	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/25/20 16:19	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/25/20 16:19	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/25/20 16:19	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/25/20 16:19	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/25/20 16:19	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/25/20 16:19	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/25/20 16:19	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/25/20 16:19	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/25/20 16:19	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/25/20 16:19	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/25/20 16:19	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/25/20 16:19	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/25/20 16:19	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/25/20 16:19	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/25/20 16:19	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/25/20 16:19	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/25/20 16:19	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/25/20 16:19	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 16:19	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/25/20 16:19	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/25/20 16:19	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/25/20 16:19	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/25/20 16:19	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/25/20 16:19	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/25/20 16:19	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/25/20 16:19	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		11/25/20 16:19	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		11/25/20 16:19	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		11/25/20 16:19	2037-26-5	

Sample: DUP-4 **Lab ID: 40218849004** Collected: 11/20/20 00:00 Received: 11/21/20 08:05 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		11/25/20 16:42	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/25/20 16:42	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 16:42	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.: 40218849

Sample: DUP-4 **Lab ID: 40218849004** Collected: 11/20/20 00:00 Received: 11/21/20 08:05 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		11/25/20 16:42	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/25/20 16:42	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/25/20 16:42	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/25/20 16:42	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/25/20 16:42	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/25/20 16:42	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/25/20 16:42	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/25/20 16:42	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/25/20 16:42	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/25/20 16:42	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 16:42	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 16:42	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 16:42	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/25/20 16:42	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/25/20 16:42	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/25/20 16:42	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/25/20 16:42	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/25/20 16:42	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/25/20 16:42	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/25/20 16:42	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/25/20 16:42	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/25/20 16:42	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/25/20 16:42	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/25/20 16:42	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/25/20 16:42	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/25/20 16:42	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/25/20 16:42	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 16:42	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/25/20 16:42	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/25/20 16:42	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/25/20 16:42	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/25/20 16:42	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/25/20 16:42	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/25/20 16:42	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/25/20 16:42	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/25/20 16:42	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/25/20 16:42	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/25/20 16:42	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/25/20 16:42	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/25/20 16:42	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/25/20 16:42	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/25/20 16:42	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/25/20 16:42	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/25/20 16:42	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/25/20 16:42	79-01-6	

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.: 40218849

Sample: DUP-4 **Lab ID: 40218849004** Collected: 11/20/20 00:00 Received: 11/21/20 08:05 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		11/25/20 16:42	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/25/20 16:42	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/25/20 16:42	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/25/20 16:42	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/25/20 16:42	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 16:42	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/25/20 16:42	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/25/20 16:42	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/25/20 16:42	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/25/20 16:42	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/25/20 16:42	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/25/20 16:42	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/25/20 16:42	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		11/25/20 16:42	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		11/25/20 16:42	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		11/25/20 16:42	2037-26-5	

Sample: TRIP **Lab ID: 40218849005** Collected: 11/20/20 00:00 Received: 11/21/20 08:05 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		11/25/20 07:34	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/25/20 07:34	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 07:34	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/25/20 07:34	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/25/20 07:34	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/25/20 07:34	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/25/20 07:34	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/25/20 07:34	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/25/20 07:34	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/25/20 07:34	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/25/20 07:34	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/25/20 07:34	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/25/20 07:34	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 07:34	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 07:34	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/25/20 07:34	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/25/20 07:34	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/25/20 07:34	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/25/20 07:34	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218849

Sample: TRIP **Lab ID: 40218849005** Collected: 11/20/20 00:00 Received: 11/21/20 08:05 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		11/25/20 07:34	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/25/20 07:34	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/25/20 07:34	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/25/20 07:34	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/25/20 07:34	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/25/20 07:34	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/25/20 07:34	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/25/20 07:34	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/25/20 07:34	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/25/20 07:34	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/25/20 07:34	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 07:34	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/25/20 07:34	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/25/20 07:34	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/25/20 07:34	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/25/20 07:34	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/25/20 07:34	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/25/20 07:34	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/25/20 07:34	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/25/20 07:34	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/25/20 07:34	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/25/20 07:34	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/25/20 07:34	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/25/20 07:34	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/25/20 07:34	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/25/20 07:34	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/25/20 07:34	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/25/20 07:34	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/25/20 07:34	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/25/20 07:34	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/25/20 07:34	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/25/20 07:34	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/25/20 07:34	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/25/20 07:34	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/25/20 07:34	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/25/20 07:34	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/25/20 07:34	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/25/20 07:34	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/25/20 07:34	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/25/20 07:34	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/25/20 07:34	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/25/20 07:34	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		11/25/20 07:34	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		11/25/20 07:34	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.: 40218849

Sample: TRIP **Lab ID: 40218849005** Collected: 11/20/20 00:00 Received: 11/21/20 08:05 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)	107	%	70-130		1		11/25/20 07:34	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.: 40218849

QC Batch: 372224
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40218849001, 40218849002, 40218849003, 40218849004, 40218849005

METHOD BLANK: 2152389 Matrix: Water
Associated Lab Samples: 40218849001, 40218849002, 40218849003, 40218849004, 40218849005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	11/24/20 15:47	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	11/24/20 15:47	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	11/24/20 15:47	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	11/24/20 15:47	
1,1-Dichloroethane	ug/L	<0.27	1.0	11/24/20 15:47	
1,1-Dichloroethene	ug/L	<0.24	1.0	11/24/20 15:47	
1,1-Dichloropropene	ug/L	<0.54	1.8	11/24/20 15:47	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	11/24/20 15:47	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	11/24/20 15:47	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/24/20 15:47	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	11/24/20 15:47	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	11/24/20 15:47	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	11/24/20 15:47	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	11/24/20 15:47	
1,2-Dichloroethane	ug/L	<0.28	1.0	11/24/20 15:47	
1,2-Dichloropropane	ug/L	<0.28	1.0	11/24/20 15:47	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	11/24/20 15:47	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	11/24/20 15:47	
1,3-Dichloropropane	ug/L	<0.83	2.8	11/24/20 15:47	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	11/24/20 15:47	
2,2-Dichloropropane	ug/L	<2.3	7.6	11/24/20 15:47	
2-Chlorotoluene	ug/L	<0.93	5.0	11/24/20 15:47	
4-Chlorotoluene	ug/L	<0.76	2.5	11/24/20 15:47	
Benzene	ug/L	<0.25	1.0	11/24/20 15:47	
Bromobenzene	ug/L	<0.24	1.0	11/24/20 15:47	
Bromochloromethane	ug/L	<0.36	5.0	11/24/20 15:47	
Bromodichloromethane	ug/L	<0.36	1.2	11/24/20 15:47	
Bromoform	ug/L	<4.0	13.2	11/24/20 15:47	
Bromomethane	ug/L	<0.97	5.0	11/24/20 15:47	
Carbon tetrachloride	ug/L	<1.1	3.6	11/24/20 15:47	
Chlorobenzene	ug/L	<0.71	2.4	11/24/20 15:47	
Chloroethane	ug/L	<1.3	5.0	11/24/20 15:47	
Chloroform	ug/L	<1.3	5.0	11/24/20 15:47	
Chloromethane	ug/L	<2.2	7.3	11/24/20 15:47	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	11/24/20 15:47	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	11/24/20 15:47	
Dibromochloromethane	ug/L	<2.6	8.7	11/24/20 15:47	
Dibromomethane	ug/L	<0.94	3.1	11/24/20 15:47	
Dichlorodifluoromethane	ug/L	<0.50	5.0	11/24/20 15:47	
Diisopropyl ether	ug/L	<1.9	6.3	11/24/20 15:47	

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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.: 40218849

METHOD BLANK: 2152389 Matrix: Water
Associated Lab Samples: 40218849001, 40218849002, 40218849003, 40218849004, 40218849005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	11/24/20 15:47	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	11/24/20 15:47	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	11/24/20 15:47	
m&p-Xylene	ug/L	<0.47	2.0	11/24/20 15:47	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	11/24/20 15:47	
Methylene Chloride	ug/L	<0.58	5.0	11/24/20 15:47	
n-Butylbenzene	ug/L	<0.71	2.4	11/24/20 15:47	
n-Propylbenzene	ug/L	<0.81	5.0	11/24/20 15:47	
Naphthalene	ug/L	<1.2	5.0	11/24/20 15:47	
o-Xylene	ug/L	<0.26	1.0	11/24/20 15:47	
p-Isopropyltoluene	ug/L	<0.80	2.7	11/24/20 15:47	
sec-Butylbenzene	ug/L	<0.85	5.0	11/24/20 15:47	
Styrene	ug/L	<3.0	10.0	11/24/20 15:47	
tert-Butylbenzene	ug/L	<0.30	1.0	11/24/20 15:47	
Tetrachloroethene	ug/L	<0.33	1.1	11/24/20 15:47	
Toluene	ug/L	<0.27	1.0	11/24/20 15:47	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	11/24/20 15:47	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	11/24/20 15:47	
Trichloroethene	ug/L	<0.26	1.0	11/24/20 15:47	
Trichlorofluoromethane	ug/L	<0.21	1.0	11/24/20 15:47	
Vinyl chloride	ug/L	<0.17	1.0	11/24/20 15:47	
4-Bromofluorobenzene (S)	%	105	70-130	11/24/20 15:47	
Dibromofluoromethane (S)	%	106	70-130	11/24/20 15:47	
Toluene-d8 (S)	%	108	70-130	11/24/20 15:47	

LABORATORY CONTROL SAMPLE: 2152390

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	62.8	126	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.1	100	64-131	
1,1,2-Trichloroethane	ug/L	50	52.0	104	70-130	
1,1-Dichloroethane	ug/L	50	52.9	106	69-163	
1,1-Dichloroethene	ug/L	50	51.7	103	77-123	
1,2,4-Trichlorobenzene	ug/L	50	41.5	83	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.2	96	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	50.5	101	70-130	
1,2-Dichlorobenzene	ug/L	50	47.2	94	70-130	
1,2-Dichloroethane	ug/L	50	59.8	120	78-142	
1,2-Dichloropropane	ug/L	50	53.2	106	86-134	
1,3-Dichlorobenzene	ug/L	50	47.5	95	70-130	
1,4-Dichlorobenzene	ug/L	50	48.8	98	70-130	
Benzene	ug/L	50	48.7	97	70-130	
Bromodichloromethane	ug/L	50	60.4	121	70-130	
Bromoform	ug/L	50	58.5	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.: 40218849

LABORATORY CONTROL SAMPLE: 2152390

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	25.1	50	39-129	
Carbon tetrachloride	ug/L	50	63.7	127	70-132	
Chlorobenzene	ug/L	50	53.0	106	70-130	
Chloroethane	ug/L	50	42.1	84	66-140	
Chloroform	ug/L	50	55.9	112	75-132	
Chloromethane	ug/L	50	30.9	62	32-143	
cis-1,2-Dichloroethene	ug/L	50	48.3	97	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.7	95	70-130	
Dibromochloromethane	ug/L	50	57.7	115	70-130	
Dichlorodifluoromethane	ug/L	50	35.8	72	10-141	
Ethylbenzene	ug/L	50	57.4	115	80-120	
Isopropylbenzene (Cumene)	ug/L	50	56.4	113	70-130	
m&p-Xylene	ug/L	100	109	109	70-130	
Methyl-tert-butyl ether	ug/L	50	47.0	94	61-129	
Methylene Chloride	ug/L	50	50.1	100	70-130	
o-Xylene	ug/L	50	53.6	107	70-130	
Styrene	ug/L	50	54.3	109	70-130	
Tetrachloroethene	ug/L	50	56.4	113	70-130	
Toluene	ug/L	50	55.0	110	80-120	
trans-1,2-Dichloroethene	ug/L	50	55.0	110	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.4	97	69-130	
Trichloroethene	ug/L	50	58.5	117	70-130	
Trichlorofluoromethane	ug/L	50	58.6	117	75-145	
Vinyl chloride	ug/L	50	40.0	80	51-140	
4-Bromofluorobenzene (S)	%			117	70-130	
Dibromofluoromethane (S)	%			103	70-130	
Toluene-d8 (S)	%			109	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2152658 2152659

Parameter	Units	40218824003 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	<0.00024 mg/L	50	50	61.5	62.4	123	125	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.00028 mg/L	50	50	49.6	51.1	99	102	64-137	3	20	
1,1,2-Trichloroethane	ug/L	<0.00055 mg/L	50	50	52.5	54.7	105	109	70-137	4	20	
1,1-Dichloroethane	ug/L	<0.00027 mg/L	50	50	52.7	53.4	105	107	69-163	1	20	
1,1-Dichloroethene	ug/L	<0.00024 mg/L	50	50	50.5	52.0	101	104	77-129	3	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	41.1	43.4	82	87	68-130	5	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	48.7	49.9	97	100	60-130	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	50.9	51.8	102	104	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	46.4	47.8	93	96	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.: 40218849

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2152658 2152659

Parameter	Units	40218824003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	<0.00028 mg/L	50	50	57.4	59.9	115	120	78-145	4	20	
1,2-Dichloropropane	ug/L	<0.00028 mg/L	50	50	51.3	51.7	103	103	86-135	1	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	46.9	47.8	94	96	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	47.4	48.9	95	98	70-130	3	20	
Benzene	ug/L	<0.00025 mg/L	50	50	47.7	48.8	95	98	70-136	2	20	
Bromodichloromethane	ug/L	<0.00036 mg/L	50	50	59.5	60.7	119	121	70-130	2	20	
Bromoform	ug/L	<0.0040 mg/L	50	50	59.1	59.8	118	120	69-130	1	20	
Bromomethane	ug/L	<0.00097 mg/L	50	50	30.8	33.5	62	67	39-138	8	20	
Carbon tetrachloride	ug/L	<0.0011 mg/L	50	50	62.8	63.3	126	127	70-142	1	20	
Chlorobenzene	ug/L	<0.00071 mg/L	50	50	52.1	53.0	104	106	70-130	2	20	
Chloroethane	ug/L	<0.0013 mg/L	50	50	42.3	42.5	85	85	61-149	0	20	
Chloroform	ug/L	<0.0013 mg/L	50	50	55.1	56.2	110	112	75-133	2	20	
Chloromethane	ug/L	<0.0022 mg/L	50	50	32.3	32.3	65	65	32-143	0	20	
cis-1,2-Dichloroethene	ug/L	<0.00027 mg/L	50	50	48.3	49.1	97	98	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.0036 mg/L	50	50	47.6	48.6	95	97	70-130	2	20	
Dibromochloromethane	ug/L	<0.0026 mg/L	50	50	57.3	58.4	115	117	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	35.5	35.4	71	71	10-141	0	20	
Ethylbenzene	ug/L	<0.00032 mg/L	50	50	56.5	56.5	113	113	80-120	0	20	
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	55.2	54.8	110	110	70-130	1	20	
m&p-Xylene	ug/L	<0.47	100	100	106	107	106	107	70-130	1	20	
Methyl-tert-butyl ether	ug/L	0.067 mg/L	50	50	110	112	85	91	61-136	3	20	
Methylene Chloride	ug/L	<0.00058 mg/L	50	50	50.2	50.7	100	101	68-137	1	20	
o-Xylene	ug/L	<0.26	50	50	52.5	52.8	105	106	70-130	1	20	
Styrene	ug/L	<0.0030 mg/L	50	50	53.4	54.3	107	109	70-130	2	20	
Tetrachloroethene	ug/L	<0.00033 mg/L	50	50	55.4	54.8	111	110	70-130	1	20	
Toluene	ug/L	<0.00027 mg/L	50	50	53.9	53.8	108	108	80-120	0	20	
trans-1,2-Dichloroethene	ug/L	<0.00046 mg/L	50	50	54.1	55.7	108	111	70-130	3	20	
trans-1,3-Dichloropropene	ug/L	<0.0044 mg/L	50	50	48.3	49.1	97	98	69-130	2	20	
Trichloroethene	ug/L	<0.00026 mg/L	50	50	57.0	58.1	114	116	70-130	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.: 40218849

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2152658 2152659

Parameter	Units	40218824003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Trichlorofluoromethane	ug/L	<0.21	50	50	57.8	58.1	116	116	74-157	1	20	
Vinyl chloride	ug/L	<0.00017 mg/L	50	50	40.3	41.2	81	82	51-140	2	20	
4-Bromofluorobenzene (S)	%						115	114	70-130			
Dibromofluoromethane (S)	%						103	106	70-130			
Toluene-d8 (S)	%						108	107	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.: 40218849

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.

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.: 40218849

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40218849001	**MW-27**	EPA 8260	372224		
40218849002	**MW-25**	EPA 8260	372224		
40218849003	**MW-29**	EPA 8260	372224		
40218849004	**DUP-4**	EPA 8260	372224		
40218849005	**TRIP**	EPA 8260	372224		

(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):	Alex Amundson
Sampled By (Sign):	[signature]
PO #:	
Regulatory Program:	

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

Page 1 of 1

COC No. 10218849

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 #:	
Mail To Contact:	Kevin Hedinger
Mail To Company:	GZA
Mail To Address:	17975 W. Sarah Lane 100 Brookfield WI 53045
Invoice To Contact:	AP@gza.com
Invoice To Company:	GZA
Invoice To Address:	SAME
Invoice To Phone:	—

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

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	VOC	Dissolved Fe	Ethane, Ethene, Methane	Sulfate, Nitrate	TOC				CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
Y/N					N	Y	N	N	N						
Pick Letter					B	D	B	A	A						
001	MW-27	11/20/20	0846	GW	x										
002	MW-25	11/20/20	0924	GW	x										
003	MW-29	11/20/20	0957	GW	x										
004	DUP-4	11/20/20	—	GW	x										
005	Trip	11/20/20	—	GW	x										
				GW									AA		
				GW											
				GW											
				GW											
				GW											
				GW											
				GW											
				GW											

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]	11/20/20 1100		
CS Logistics	11-21-20 0805	Maddie Z [signature]	11-21-20 0805

PACE Project No. 40218849

Receipt Temp = ROI °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present (circled)
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

Sample Preservation Receipt Form

Client Name: GZA GeoEnvironmental Project # 492184G

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 Initial when completed: Date/ Time:

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

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

MK 11-21-20

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

AG1U	1 liter amber glass
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#: 40218849

Client Name: GZA GeoEnvironmental

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

Tracking #: 449.112020

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

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

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

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

Cooler Temperature Uncorr: ROI /Corr:

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

Person examining contents:

Date: 11-21-20 /Initials: MLR

Labeled By Initials: MDF

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. 002 MLR 11-21-20
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: WT	☐ Yes ☒ No ☐ N/A	12. no date: 005, time "0927": (1) 003 MLR 11-21-20
Trip Blank Present:	☒ Yes ☐ No ☐ N/A	13.
Trip Blank Custody Seals Present	☒ Yes ☐ No ☐ N/A	
Pace Trip Blank Lot # (if purchased): 455		

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 login

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

December 01, 2020

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

RE: Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218788

Dear Kevin Hedinger:

Enclosed are the analytical results for sample(s) received by the laboratory on November 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.: 40218788

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.: 40218788

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40218788001	**OP-3**	Water	11/19/20 09:10	11/20/20 10:25
40218788002	**OP-2**	Water	11/19/20 09:43	11/20/20 10:25
40218788003	**MW-40**	Water	11/19/20 10:16	11/20/20 10:25
40218788004	**MW-2**	Water	11/19/20 10:56	11/20/20 10:25
40218788005	**MW-1R**	Water	11/19/20 11:31	11/20/20 10:25
40218788006	**IMP-1**	Water	11/19/20 12:11	11/20/20 10:25
40218788007	**IMP-2**	Water	11/19/20 12:48	11/20/20 10:25
40218788008	**IMP-5**	Water	11/19/20 13:25	11/20/20 10:25
40218788009	**IMP-4**	Water	11/19/20 14:10	11/20/20 10:25
40218788010	**DUP-3**	Water	11/19/20 00:00	11/20/20 10:25

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(920)469-2436

SAMPLE ANALYTE COUNT

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40218788

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40218788001	**OP-3**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218788002	**OP-2**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218788003	**MW-40**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218788004	**MW-2**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218788005	**MW-1R**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218788006	**IMP-1**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218788007	**IMP-2**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218788008	**IMP-5**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	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.: 40218788

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218788009	**IMP-4**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	DAW	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40218788010	**DUP-3**	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.: 40218788

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40218788001	**OP-3**					
EPA 8015B Modified	Methane	63.5	ug/L	2.8	11/23/20 11:20	
EPA 6010	Iron, Dissolved	4060	ug/L	100	11/25/20 13:05	
EPA 8260	1,1,1-Trichloroethane	197	ug/L	2.0	11/24/20 07:22	
EPA 8260	1,1-Dichloroethane	20.3	ug/L	2.0	11/24/20 07:22	
EPA 8260	1,1-Dichloroethene	10.6	ug/L	2.0	11/24/20 07:22	
EPA 8260	Trichloroethene	92.6	ug/L	2.0	11/24/20 07:22	
EPA 8260	Vinyl chloride	8.5	ug/L	2.0	11/24/20 07:22	
EPA 8260	cis-1,2-Dichloroethene	122	ug/L	2.0	11/24/20 07:22	
EPA 300.0	Sulfate	48.2	mg/L	2.0	11/20/20 19:14	
SM 5310C	Total Organic Carbon	5.3	mg/L	1.0	12/01/20 05:40	
40218788002	**OP-2**					
EPA 8015B Modified	Ethane	5.7	ug/L	5.6	11/23/20 11:27	
EPA 8015B Modified	Ethene	7.9	ug/L	5.0	11/23/20 11:27	
EPA 8015B Modified	Methane	1570	ug/L	28.0	11/23/20 13:44	
EPA 6010	Iron, Dissolved	1610	ug/L	100	11/25/20 13:20	
EPA 8260	1,1,1-Trichloroethane	223	ug/L	5.0	11/24/20 03:36	
EPA 8260	1,1-Dichloroethane	112	ug/L	5.0	11/24/20 03:36	
EPA 8260	1,1-Dichloroethene	8.5	ug/L	5.0	11/24/20 03:36	
EPA 8260	Trichloroethene	34.3	ug/L	5.0	11/24/20 03:36	
EPA 8260	Vinyl chloride	126	ug/L	5.0	11/24/20 03:36	
EPA 8260	cis-1,2-Dichloroethene	350	ug/L	5.0	11/24/20 03:36	
EPA 8260	trans-1,2-Dichloroethene	2.4J	ug/L	7.7	11/24/20 03:36	
EPA 300.0	Sulfate	44.6	mg/L	2.0	11/20/20 19:29	
SM 5310C	Total Organic Carbon	7.2	mg/L	3.0	12/01/20 06:46	
40218788003	**MW-40**					
EPA 8015B Modified	Methane	27.7	ug/L	2.8	11/23/20 11:34	
EPA 6010	Iron, Dissolved	15000	ug/L	100	11/25/20 13:24	
EPA 8260	1,1,1-Trichloroethane	2590	ug/L	25.0	11/24/20 03:57	
EPA 8260	1,1-Dichloroethane	105	ug/L	25.0	11/24/20 03:57	
EPA 8260	1,1-Dichloroethene	35.2	ug/L	25.0	11/24/20 03:57	
EPA 8260	Trichloroethene	18.3J	ug/L	25.0	11/24/20 03:57	
EPA 8260	Vinyl chloride	6.0J	ug/L	25.0	11/24/20 03:57	
EPA 8260	cis-1,2-Dichloroethene	492	ug/L	25.0	11/24/20 03:57	
EPA 300.0	Sulfate	3.0	mg/L	2.0	11/20/20 19:44	
SM 5310C	Total Organic Carbon	26.4	mg/L	5.0	12/01/20 07:31	
40218788004	**MW-2**					
EPA 8015B Modified	Methane	8660	ug/L	140	11/23/20 13:51	
EPA 6010	Iron, Dissolved	44700	ug/L	100	11/25/20 13:27	
EPA 8260	Vinyl chloride	4.9	ug/L	2.0	11/24/20 04:19	
EPA 8260	cis-1,2-Dichloroethene	104	ug/L	2.0	11/24/20 04:19	
EPA 300.0	Sulfate	5.0	mg/L	2.0	11/20/20 19:58	
SM 5310C	Total Organic Carbon	83.7	mg/L	5.0	12/01/20 07:46	
40218788005	**MW-1R**					
EPA 8015B Modified	Methane	2.2J	ug/L	2.8	11/23/20 11:47	
EPA 8260	1,1,1-Trichloroethane	0.98J	ug/L	1.0	11/24/20 00:44	

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.: 40218788

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40218788005	**MW-1R**					
EPA 300.0	Nitrate as N	1.7	mg/L	1.5	11/23/20 13:08	H5
EPA 300.0	Sulfate	69.4	mg/L	20.0	11/23/20 13:08	
SM 5310C	Total Organic Carbon	1.9	mg/L	0.50	12/01/20 08:02	
40218788006	**IMP-1**					
EPA 8015B Modified	Methane	387	ug/L	5.6	11/23/20 13:58	
EPA 6010	Iron, Dissolved	32400	ug/L	100	11/25/20 13:32	
EPA 8260	1,1-Dichloroethane	0.55J	ug/L	1.0	11/24/20 00:01	
EPA 8260	Tetrachloroethene	0.46J	ug/L	1.1	11/24/20 00:01	
EPA 8260	Trichloroethene	0.84J	ug/L	1.0	11/24/20 00:01	
EPA 300.0	Sulfate	2.1	mg/L	2.0	11/20/20 21:42	
SM 5310C	Total Organic Carbon	231	mg/L	10.0	12/01/20 08:19	
40218788007	**IMP-2**					
EPA 8015B Modified	Methane	1.2J	ug/L	2.8	11/23/20 12:01	
EPA 6010	Iron, Dissolved	192	ug/L	100	11/25/20 13:34	
EPA 8260	1,1,1-Trichloroethane	0.74J	ug/L	1.0	11/24/20 06:40	
EPA 8260	Trichloroethene	13.9	ug/L	1.0	11/24/20 06:40	
EPA 8260	cis-1,2-Dichloroethene	1.4	ug/L	1.0	11/24/20 06:40	
EPA 300.0	Sulfate	42.0	mg/L	2.0	11/20/20 21:57	
SM 5310C	Total Organic Carbon	1.0	mg/L	0.50	12/01/20 08:35	
40218788008	**IMP-5**					
EPA 8015B Modified	Methane	6.8	ug/L	2.8	11/23/20 12:08	
EPA 6010	Iron, Dissolved	34.1J	ug/L	100	11/25/20 13:36	
EPA 8260	1,1,1-Trichloroethane	5720	ug/L	50.0	11/24/20 05:02	
EPA 8260	1,1-Dichloroethane	42.9J	ug/L	50.0	11/24/20 05:02	
EPA 8260	1,1-Dichloroethene	101	ug/L	50.0	11/24/20 05:02	
EPA 8260	Trichloroethene	105	ug/L	50.0	11/24/20 05:02	
EPA 8260	cis-1,2-Dichloroethene	1010	ug/L	50.0	11/24/20 05:02	
EPA 300.0	Sulfate	37.8	mg/L	2.0	11/20/20 22:12	
SM 5310C	Total Organic Carbon	2.1	mg/L	0.50	12/01/20 08:49	
40218788009	**IMP-4**					
EPA 8015B Modified	Methane	6.7	ug/L	2.8	11/23/20 12:15	
EPA 8260	1,1,1-Trichloroethane	442	ug/L	10.0	11/24/20 09:10	
EPA 8260	1,1-Dichloroethane	866	ug/L	10.0	11/24/20 09:10	
EPA 8260	1,1-Dichloroethene	621	ug/L	10.0	11/24/20 09:10	
EPA 8260	Tetrachloroethene	9.6J	ug/L	10.9	11/24/20 09:10	
EPA 8260	Trichloroethene	533	ug/L	50.0	11/24/20 07:01	
EPA 8260	Vinyl chloride	3.4J	ug/L	10.0	11/24/20 09:10	
EPA 8260	cis-1,2-Dichloroethene	148	ug/L	10.0	11/24/20 09:10	
EPA 8260	trans-1,2-Dichloroethene	31.6	ug/L	15.5	11/24/20 09:10	
EPA 300.0	Sulfate	51.3	mg/L	2.0	11/20/20 22:27	
SM 5310C	Total Organic Carbon	1.7	mg/L	0.50	12/01/20 09:24	
40218788010	**DUP-3**					
EPA 8260	1,1-Dichloroethane	0.54J	ug/L	1.0	11/24/20 09:31	
EPA 8260	Tetrachloroethene	0.36J	ug/L	1.1	11/24/20 09:31	

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.: 40218788

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40218788010	**DUP-3**					
EPA 8260	Trichloroethene	0.94J	ug/L	1.0	11/24/20 09:31	

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.: 40218788

Sample: OP-3 **Lab ID: 40218788001** Collected: 11/19/20 09:10 Received: 11/20/20 10:25 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		11/23/20 11:20	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/23/20 11:20	74-85-1	
Methane	**63.5**	ug/L	2.8	0.66	1		11/23/20 11:20	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**4060**	ug/L	100	29.6	1		11/25/20 13:05	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		11/24/20 07:22	630-20-6	
1,1,1-Trichloroethane	**197**	ug/L	2.0	0.49	2		11/24/20 07:22	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.55**	ug/L	2.0	0.55	2		11/24/20 07:22	79-34-5	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		11/24/20 07:22	79-00-5	
1,1-Dichloroethane	**20.3**	ug/L	2.0	0.55	2		11/24/20 07:22	75-34-3	
1,1-Dichloroethene	**10.6**	ug/L	2.0	0.49	2		11/24/20 07:22	75-35-4	
1,1-Dichloropropene	**<1.1**	ug/L	3.6	1.1	2		11/24/20 07:22	563-58-6	
1,2,3-Trichlorobenzene	**<4.4**	ug/L	14.7	4.4	2		11/24/20 07:22	87-61-6	
1,2,3-Trichloropropane	**<1.2**	ug/L	10.0	1.2	2		11/24/20 07:22	96-18-4	
1,2,4-Trichlorobenzene	**<1.9**	ug/L	10.0	1.9	2		11/24/20 07:22	120-82-1	
1,2,4-Trimethylbenzene	**<1.7**	ug/L	5.6	1.7	2		11/24/20 07:22	95-63-6	
1,2-Dibromo-3-chloropropane	**<3.5**	ug/L	11.8	3.5	2		11/24/20 07:22	96-12-8	
1,2-Dibromoethane (EDB)	**<1.7**	ug/L	5.5	1.7	2		11/24/20 07:22	106-93-4	
1,2-Dichlorobenzene	**<1.4**	ug/L	4.7	1.4	2		11/24/20 07:22	95-50-1	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		11/24/20 07:22	107-06-2	
1,2-Dichloropropane	**<0.57**	ug/L	2.0	0.57	2		11/24/20 07:22	78-87-5	
1,3,5-Trimethylbenzene	**<1.7**	ug/L	5.8	1.7	2		11/24/20 07:22	108-67-8	
1,3-Dichlorobenzene	**<1.3**	ug/L	4.2	1.3	2		11/24/20 07:22	541-73-1	
1,3-Dichloropropane	**<1.7**	ug/L	5.5	1.7	2		11/24/20 07:22	142-28-9	
1,4-Dichlorobenzene	**<1.9**	ug/L	6.3	1.9	2		11/24/20 07:22	106-46-7	
2,2-Dichloropropane	**<4.5**	ug/L	15.1	4.5	2		11/24/20 07:22	594-20-7	
2-Chlorotoluene	**<1.9**	ug/L	10.0	1.9	2		11/24/20 07:22	95-49-8	
4-Chlorotoluene	**<1.5**	ug/L	5.0	1.5	2		11/24/20 07:22	106-43-4	
Benzene	**<0.49**	ug/L	2.0	0.49	2		11/24/20 07:22	71-43-2	
Bromobenzene	**<0.48**	ug/L	2.0	0.48	2		11/24/20 07:22	108-86-1	
Bromochloromethane	**<0.72**	ug/L	10.0	0.72	2		11/24/20 07:22	74-97-5	
Bromodichloromethane	**<0.73**	ug/L	2.4	0.73	2		11/24/20 07:22	75-27-4	
Bromoform	**<7.9**	ug/L	26.5	7.9	2		11/24/20 07:22	75-25-2	
Bromomethane	**<1.9**	ug/L	10.0	1.9	2		11/24/20 07:22	74-83-9	
Carbon tetrachloride	**<2.2**	ug/L	7.2	2.2	2		11/24/20 07:22	56-23-5	
Chlorobenzene	**<1.4**	ug/L	4.7	1.4	2		11/24/20 07:22	108-90-7	
Chloroethane	**<2.7**	ug/L	10.0	2.7	2		11/24/20 07:22	75-00-3	
Chloroform	**<2.5**	ug/L	10.0	2.5	2		11/24/20 07:22	67-66-3	
Chloromethane	**<4.4**	ug/L	14.6	4.4	2		11/24/20 07:22	74-87-3	
Dibromochloromethane	**<5.2**	ug/L	17.3	5.2	2		11/24/20 07:22	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.: 40218788

Sample: OP-3 **Lab ID: 40218788001** Collected: 11/19/20 09:10 Received: 11/20/20 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<1.9**	ug/L	6.2	1.9	2		11/24/20 07:22	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	10.0	1.0	2		11/24/20 07:22	75-71-8	
Diisopropyl ether	**<3.8**	ug/L	12.6	3.8	2		11/24/20 07:22	108-20-3	
Ethylbenzene	**<0.64**	ug/L	2.1	0.64	2		11/24/20 07:22	100-41-4	
Hexachloro-1,3-butadiene	**<2.9**	ug/L	9.8	2.9	2		11/24/20 07:22	87-68-3	
Isopropylbenzene (Cumene)	**<3.4**	ug/L	11.2	3.4	2		11/24/20 07:22	98-82-8	
Methyl-tert-butyl ether	**<2.5**	ug/L	8.3	2.5	2		11/24/20 07:22	1634-04-4	
Methylene Chloride	**<1.2**	ug/L	10.0	1.2	2		11/24/20 07:22	75-09-2	
Naphthalene	**<2.4**	ug/L	10.0	2.4	2		11/24/20 07:22	91-20-3	
Styrene	**<6.0**	ug/L	20.1	6.0	2		11/24/20 07:22	100-42-5	
Tetrachloroethene	**<0.65**	ug/L	2.2	0.65	2		11/24/20 07:22	127-18-4	
Toluene	**<0.54**	ug/L	2.0	0.54	2		11/24/20 07:22	108-88-3	
Trichloroethene	**92.6**	ug/L	2.0	0.51	2		11/24/20 07:22	79-01-6	
Trichlorofluoromethane	**<0.43**	ug/L	2.0	0.43	2		11/24/20 07:22	75-69-4	
Vinyl chloride	**8.5**	ug/L	2.0	0.35	2		11/24/20 07:22	75-01-4	
cis-1,2-Dichloroethene	**122**	ug/L	2.0	0.54	2		11/24/20 07:22	156-59-2	
cis-1,3-Dichloropropene	**<7.3**	ug/L	24.2	7.3	2		11/24/20 07:22	10061-01-5	
m&p-Xylene	**<0.93**	ug/L	4.0	0.93	2		11/24/20 07:22	179601-23-1	
n-Butylbenzene	**<1.4**	ug/L	4.7	1.4	2		11/24/20 07:22	104-51-8	
n-Propylbenzene	**<1.6**	ug/L	10.0	1.6	2		11/24/20 07:22	103-65-1	
o-Xylene	**<0.52**	ug/L	2.0	0.52	2		11/24/20 07:22	95-47-6	
p-Isopropyltoluene	**<1.6**	ug/L	5.3	1.6	2		11/24/20 07:22	99-87-6	
sec-Butylbenzene	**<1.7**	ug/L	10.0	1.7	2		11/24/20 07:22	135-98-8	
tert-Butylbenzene	**<0.61**	ug/L	2.0	0.61	2		11/24/20 07:22	98-06-6	
trans-1,2-Dichloroethene	**<0.93**	ug/L	3.1	0.93	2		11/24/20 07:22	156-60-5	
trans-1,3-Dichloropropene	**<8.7**	ug/L	29.1	8.7	2		11/24/20 07:22	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		2		11/24/20 07:22	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		2		11/24/20 07:22	1868-53-7	
Toluene-d8 (S)	103	%	70-130		2		11/24/20 07:22	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		11/20/20 19:14	14797-55-8	
Sulfate	**48.2**	mg/L	2.0	0.44	1		11/20/20 19:14	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**5.3**	mg/L	1.0	0.28	2		12/01/20 05:40	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.: 40218788

Sample: OP-2 **Lab ID: 40218788002** Collected: 11/19/20 09:43 Received: 11/20/20 10:25 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	**5.7**	ug/L	5.6	1.2	1		11/23/20 11:27	74-84-0	
Ethene	**7.9**	ug/L	5.0	1.2	1		11/23/20 11:27	74-85-1	
Methane	**1570**	ug/L	28.0	6.6	10		11/23/20 13:44	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**1610**	ug/L	100	29.6	1		11/25/20 13:20	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		11/24/20 03:36	630-20-6	
1,1,1-Trichloroethane	**223**	ug/L	5.0	1.2	5		11/24/20 03:36	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.4**	ug/L	5.0	1.4	5		11/24/20 03:36	79-34-5	
1,1,2-Trichloroethane	**<2.8**	ug/L	25.0	2.8	5		11/24/20 03:36	79-00-5	
1,1-Dichloroethane	**112**	ug/L	5.0	1.4	5		11/24/20 03:36	75-34-3	
1,1-Dichloroethene	**8.5**	ug/L	5.0	1.2	5		11/24/20 03:36	75-35-4	
1,1-Dichloropropene	**<2.7**	ug/L	9.0	2.7	5		11/24/20 03:36	563-58-6	
1,2,3-Trichlorobenzene	**<11.1**	ug/L	36.8	11.1	5		11/24/20 03:36	87-61-6	
1,2,3-Trichloropropane	**<3.0**	ug/L	25.0	3.0	5		11/24/20 03:36	96-18-4	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		11/24/20 03:36	120-82-1	
1,2,4-Trimethylbenzene	**<4.2**	ug/L	14.0	4.2	5		11/24/20 03:36	95-63-6	
1,2-Dibromo-3-chloropropane	**<8.8**	ug/L	29.4	8.8	5		11/24/20 03:36	96-12-8	
1,2-Dibromoethane (EDB)	**<4.1**	ug/L	13.8	4.1	5		11/24/20 03:36	106-93-4	
1,2-Dichlorobenzene	**<3.5**	ug/L	11.8	3.5	5		11/24/20 03:36	95-50-1	
1,2-Dichloroethane	**<1.4**	ug/L	5.0	1.4	5		11/24/20 03:36	107-06-2	
1,2-Dichloropropane	**<1.4**	ug/L	5.0	1.4	5		11/24/20 03:36	78-87-5	
1,3,5-Trimethylbenzene	**<4.4**	ug/L	14.6	4.4	5		11/24/20 03:36	108-67-8	
1,3-Dichlorobenzene	**<3.1**	ug/L	10.5	3.1	5		11/24/20 03:36	541-73-1	
1,3-Dichloropropane	**<4.1**	ug/L	13.8	4.1	5		11/24/20 03:36	142-28-9	
1,4-Dichlorobenzene	**<4.7**	ug/L	15.7	4.7	5		11/24/20 03:36	106-46-7	
2,2-Dichloropropane	**<11.3**	ug/L	37.8	11.3	5		11/24/20 03:36	594-20-7	
2-Chlorotoluene	**<4.6**	ug/L	25.0	4.6	5		11/24/20 03:36	95-49-8	
4-Chlorotoluene	**<3.8**	ug/L	12.6	3.8	5		11/24/20 03:36	106-43-4	
Benzene	**<1.2**	ug/L	5.0	1.2	5		11/24/20 03:36	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		11/24/20 03:36	108-86-1	
Bromochloromethane	**<1.8**	ug/L	25.0	1.8	5		11/24/20 03:36	74-97-5	
Bromodichloromethane	**<1.8**	ug/L	6.1	1.8	5		11/24/20 03:36	75-27-4	
Bromoform	**<19.9**	ug/L	66.2	19.9	5		11/24/20 03:36	75-25-2	
Bromomethane	**<4.9**	ug/L	25.0	4.9	5		11/24/20 03:36	74-83-9	
Carbon tetrachloride	**<5.4**	ug/L	17.9	5.4	5		11/24/20 03:36	56-23-5	
Chlorobenzene	**<3.6**	ug/L	11.8	3.6	5		11/24/20 03:36	108-90-7	
Chloroethane	**<6.7**	ug/L	25.0	6.7	5		11/24/20 03:36	75-00-3	
Chloroform	**<6.4**	ug/L	25.0	6.4	5		11/24/20 03:36	67-66-3	
Chloromethane	**<10.9**	ug/L	36.5	10.9	5		11/24/20 03:36	74-87-3	
Dibromochloromethane	**<13.0**	ug/L	43.4	13.0	5		11/24/20 03:36	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.: 40218788

Sample: OP-2 **Lab ID: 40218788002** Collected: 11/19/20 09:43 Received: 11/20/20 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<4.7**	ug/L	15.6	4.7	5		11/24/20 03:36	74-95-3	
Dichlorodifluoromethane	**<2.5**	ug/L	25.0	2.5	5		11/24/20 03:36	75-71-8	
Diisopropyl ether	**<9.4**	ug/L	31.5	9.4	5		11/24/20 03:36	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.3	1.6	5		11/24/20 03:36	100-41-4	
Hexachloro-1,3-butadiene	**<7.3**	ug/L	24.4	7.3	5		11/24/20 03:36	87-68-3	
Isopropylbenzene (Cumene)	**<8.4**	ug/L	28.1	8.4	5		11/24/20 03:36	98-82-8	
Methyl-tert-butyl ether	**<6.2**	ug/L	20.8	6.2	5		11/24/20 03:36	1634-04-4	
Methylene Chloride	**<2.9**	ug/L	25.0	2.9	5		11/24/20 03:36	75-09-2	
Naphthalene	**<5.9**	ug/L	25.0	5.9	5		11/24/20 03:36	91-20-3	
Styrene	**<15.0**	ug/L	50.2	15.0	5		11/24/20 03:36	100-42-5	
Tetrachloroethene	**<1.6**	ug/L	5.4	1.6	5		11/24/20 03:36	127-18-4	
Toluene	**<1.3**	ug/L	5.0	1.3	5		11/24/20 03:36	108-88-3	
Trichloroethene	**34.3**	ug/L	5.0	1.3	5		11/24/20 03:36	79-01-6	
Trichlorofluoromethane	**<1.1**	ug/L	5.0	1.1	5		11/24/20 03:36	75-69-4	
Vinyl chloride	**126**	ug/L	5.0	0.87	5		11/24/20 03:36	75-01-4	
cis-1,2-Dichloroethene	**350**	ug/L	5.0	1.4	5		11/24/20 03:36	156-59-2	
cis-1,3-Dichloropropene	**<18.1**	ug/L	60.5	18.1	5		11/24/20 03:36	10061-01-5	
m&p-Xylene	**<2.3**	ug/L	10.0	2.3	5		11/24/20 03:36	179601-23-1	
n-Butylbenzene	**<3.5**	ug/L	11.8	3.5	5		11/24/20 03:36	104-51-8	
n-Propylbenzene	**<4.1**	ug/L	25.0	4.1	5		11/24/20 03:36	103-65-1	
o-Xylene	**<1.3**	ug/L	5.0	1.3	5		11/24/20 03:36	95-47-6	
p-Isopropyltoluene	**<4.0**	ug/L	13.3	4.0	5		11/24/20 03:36	99-87-6	
sec-Butylbenzene	**<4.2**	ug/L	25.0	4.2	5		11/24/20 03:36	135-98-8	
tert-Butylbenzene	**<1.5**	ug/L	5.1	1.5	5		11/24/20 03:36	98-06-6	
trans-1,2-Dichloroethene	**2.4J**	ug/L	7.7	2.3	5		11/24/20 03:36	156-60-5	
trans-1,3-Dichloropropene	**<21.9**	ug/L	72.8	21.9	5		11/24/20 03:36	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		5		11/24/20 03:36	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		5		11/24/20 03:36	1868-53-7	
Toluene-d8 (S)	101	%	70-130		5		11/24/20 03:36	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		11/20/20 19:29	14797-55-8	
Sulfate	**44.6**	mg/L	2.0	0.44	1		11/20/20 19:29	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**7.2**	mg/L	3.0	0.83	6		12/01/20 06:46	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.: 40218788

Sample: MW-40 **Lab ID: 40218788003** Collected: 11/19/20 10:16 Received: 11/20/20 10:25 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		11/23/20 11:34	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/23/20 11:34	74-85-1	
Methane	**27.7**	ug/L	2.8	0.66	1		11/23/20 11:34	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**15000**	ug/L	100	29.6	1		11/25/20 13:24	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		11/24/20 03:57	630-20-6	
1,1,1-Trichloroethane	**2590**	ug/L	25.0	6.1	25		11/24/20 03:57	71-55-6	
1,1,2,2-Tetrachloroethane	**<6.9**	ug/L	25.0	6.9	25		11/24/20 03:57	79-34-5	
1,1,2-Trichloroethane	**<13.8**	ug/L	125	13.8	25		11/24/20 03:57	79-00-5	
1,1-Dichloroethane	**105**	ug/L	25.0	6.8	25		11/24/20 03:57	75-34-3	
1,1-Dichloroethene	**35.2**	ug/L	25.0	6.1	25		11/24/20 03:57	75-35-4	
1,1-Dichloropropene	**<13.5**	ug/L	45.0	13.5	25		11/24/20 03:57	563-58-6	
1,2,3-Trichlorobenzene	**<55.3**	ug/L	184	55.3	25		11/24/20 03:57	87-61-6	
1,2,3-Trichloropropane	**<14.8**	ug/L	125	14.8	25		11/24/20 03:57	96-18-4	
1,2,4-Trichlorobenzene	**<23.8**	ug/L	125	23.8	25		11/24/20 03:57	120-82-1	
1,2,4-Trimethylbenzene	**<21.0**	ug/L	70.0	21.0	25		11/24/20 03:57	95-63-6	
1,2-Dibromo-3-chloropropane	**<44.1**	ug/L	147	44.1	25		11/24/20 03:57	96-12-8	
1,2-Dibromoethane (EDB)	**<20.7**	ug/L	69.1	20.7	25		11/24/20 03:57	106-93-4	
1,2-Dichlorobenzene	**<17.6**	ug/L	58.8	17.6	25		11/24/20 03:57	95-50-1	
1,2-Dichloroethane	**<7.0**	ug/L	25.0	7.0	25		11/24/20 03:57	107-06-2	
1,2-Dichloropropane	**<7.1**	ug/L	25.0	7.1	25		11/24/20 03:57	78-87-5	
1,3,5-Trimethylbenzene	**<21.8**	ug/L	72.8	21.8	25		11/24/20 03:57	108-67-8	
1,3-Dichlorobenzene	**<15.7**	ug/L	52.3	15.7	25		11/24/20 03:57	541-73-1	
1,3-Dichloropropane	**<20.6**	ug/L	68.8	20.6	25		11/24/20 03:57	142-28-9	
1,4-Dichlorobenzene	**<23.6**	ug/L	78.6	23.6	25		11/24/20 03:57	106-46-7	
2,2-Dichloropropane	**<56.6**	ug/L	189	56.6	25		11/24/20 03:57	594-20-7	
2-Chlorotoluene	**<23.2**	ug/L	125	23.2	25		11/24/20 03:57	95-49-8	
4-Chlorotoluene	**<18.9**	ug/L	63.0	18.9	25		11/24/20 03:57	106-43-4	
Benzene	**<6.2**	ug/L	25.0	6.2	25		11/24/20 03:57	71-43-2	
Bromobenzene	**<6.0**	ug/L	25.0	6.0	25		11/24/20 03:57	108-86-1	
Bromochloromethane	**<9.1**	ug/L	125	9.1	25		11/24/20 03:57	74-97-5	
Bromodichloromethane	**<9.1**	ug/L	30.3	9.1	25		11/24/20 03:57	75-27-4	
Bromoform	**<99.3**	ug/L	331	99.3	25		11/24/20 03:57	75-25-2	
Bromomethane	**<24.3**	ug/L	125	24.3	25		11/24/20 03:57	74-83-9	
Carbon tetrachloride	**<26.9**	ug/L	89.7	26.9	25		11/24/20 03:57	56-23-5	
Chlorobenzene	**<17.8**	ug/L	59.2	17.8	25		11/24/20 03:57	108-90-7	
Chloroethane	**<33.6**	ug/L	125	33.6	25		11/24/20 03:57	75-00-3	
Chloroform	**<31.8**	ug/L	125	31.8	25		11/24/20 03:57	67-66-3	
Chloromethane	**<54.7**	ug/L	182	54.7	25		11/24/20 03:57	74-87-3	
Dibromochloromethane	**<65.0**	ug/L	217	65.0	25		11/24/20 03:57	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.: 40218788

Sample: MW-40 **Lab ID: 40218788003** Collected: 11/19/20 10:16 Received: 11/20/20 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<23.4**	ug/L	78.1	23.4	25		11/24/20 03:57	74-95-3	
Dichlorodifluoromethane	**<12.5**	ug/L	125	12.5	25		11/24/20 03:57	75-71-8	
Diisopropyl ether	**<47.2**	ug/L	157	47.2	25		11/24/20 03:57	108-20-3	
Ethylbenzene	**<8.0**	ug/L	26.6	8.0	25		11/24/20 03:57	100-41-4	
Hexachloro-1,3-butadiene	**<36.6**	ug/L	122	36.6	25		11/24/20 03:57	87-68-3	
Isopropylbenzene (Cumene)	**<42.2**	ug/L	140	42.2	25		11/24/20 03:57	98-82-8	
Methyl-tert-butyl ether	**<31.1**	ug/L	104	31.1	25		11/24/20 03:57	1634-04-4	
Methylene Chloride	**<14.5**	ug/L	125	14.5	25		11/24/20 03:57	75-09-2	
Naphthalene	**<29.4**	ug/L	125	29.4	25		11/24/20 03:57	91-20-3	
Styrene	**<75.2**	ug/L	251	75.2	25		11/24/20 03:57	100-42-5	
Tetrachloroethene	**<8.2**	ug/L	27.2	8.2	25		11/24/20 03:57	127-18-4	
Toluene	**<6.7**	ug/L	25.0	6.7	25		11/24/20 03:57	108-88-3	
Trichloroethene	**18.3J**	ug/L	25.0	6.4	25		11/24/20 03:57	79-01-6	
Trichlorofluoromethane	**<5.4**	ug/L	25.0	5.4	25		11/24/20 03:57	75-69-4	
Vinyl chloride	**6.0J**	ug/L	25.0	4.4	25		11/24/20 03:57	75-01-4	
cis-1,2-Dichloroethene	**492**	ug/L	25.0	6.8	25		11/24/20 03:57	156-59-2	
cis-1,3-Dichloropropene	**<90.7**	ug/L	302	90.7	25		11/24/20 03:57	10061-01-5	
m&p-Xylene	**<11.6**	ug/L	50.0	11.6	25		11/24/20 03:57	179601-23-1	
n-Butylbenzene	**<17.7**	ug/L	59.0	17.7	25		11/24/20 03:57	104-51-8	
n-Propylbenzene	**<20.3**	ug/L	125	20.3	25		11/24/20 03:57	103-65-1	
o-Xylene	**<6.5**	ug/L	25.0	6.5	25		11/24/20 03:57	95-47-6	
p-Isopropyltoluene	**<20.0**	ug/L	66.7	20.0	25		11/24/20 03:57	99-87-6	
sec-Butylbenzene	**<21.2**	ug/L	125	21.2	25		11/24/20 03:57	135-98-8	
tert-Butylbenzene	**<7.6**	ug/L	25.3	7.6	25		11/24/20 03:57	98-06-6	
trans-1,2-Dichloroethene	**<11.6**	ug/L	38.7	11.6	25		11/24/20 03:57	156-60-5	
trans-1,3-Dichloropropene	**<109**	ug/L	364	109	25		11/24/20 03:57	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		25		11/24/20 03:57	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		25		11/24/20 03:57	1868-53-7	
Toluene-d8 (S)	102	%	70-130		25		11/24/20 03:57	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		11/20/20 19:44	14797-55-8	
Sulfate	**3.0**	mg/L	2.0	0.44	1		11/20/20 19:44	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**26.4**	mg/L	5.0	1.4	10		12/01/20 07:31	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.: 40218788

Sample: MW-2 **Lab ID: 40218788004** Collected: 11/19/20 10:56 Received: 11/20/20 10:25 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		11/23/20 11:40	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/23/20 11:40	74-85-1	
Methane	**8660**	ug/L	140	33.2	50		11/23/20 13:51	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**44700**	ug/L	100	29.6	1		11/25/20 13:27	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		11/24/20 04:19	630-20-6	
1,1,1-Trichloroethane	**<0.49**	ug/L	2.0	0.49	2		11/24/20 04:19	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.55**	ug/L	2.0	0.55	2		11/24/20 04:19	79-34-5	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		11/24/20 04:19	79-00-5	
1,1-Dichloroethane	**<0.55**	ug/L	2.0	0.55	2		11/24/20 04:19	75-34-3	
1,1-Dichloroethene	**<0.49**	ug/L	2.0	0.49	2		11/24/20 04:19	75-35-4	
1,1-Dichloropropene	**<1.1**	ug/L	3.6	1.1	2		11/24/20 04:19	563-58-6	
1,2,3-Trichlorobenzene	**<4.4**	ug/L	14.7	4.4	2		11/24/20 04:19	87-61-6	
1,2,3-Trichloropropane	**<1.2**	ug/L	10.0	1.2	2		11/24/20 04:19	96-18-4	
1,2,4-Trichlorobenzene	**<1.9**	ug/L	10.0	1.9	2		11/24/20 04:19	120-82-1	
1,2,4-Trimethylbenzene	**<1.7**	ug/L	5.6	1.7	2		11/24/20 04:19	95-63-6	
1,2-Dibromo-3-chloropropane	**<3.5**	ug/L	11.8	3.5	2		11/24/20 04:19	96-12-8	
1,2-Dibromoethane (EDB)	**<1.7**	ug/L	5.5	1.7	2		11/24/20 04:19	106-93-4	
1,2-Dichlorobenzene	**<1.4**	ug/L	4.7	1.4	2		11/24/20 04:19	95-50-1	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		11/24/20 04:19	107-06-2	
1,2-Dichloropropane	**<0.57**	ug/L	2.0	0.57	2		11/24/20 04:19	78-87-5	
1,3,5-Trimethylbenzene	**<1.7**	ug/L	5.8	1.7	2		11/24/20 04:19	108-67-8	
1,3-Dichlorobenzene	**<1.3**	ug/L	4.2	1.3	2		11/24/20 04:19	541-73-1	
1,3-Dichloropropane	**<1.7**	ug/L	5.5	1.7	2		11/24/20 04:19	142-28-9	
1,4-Dichlorobenzene	**<1.9**	ug/L	6.3	1.9	2		11/24/20 04:19	106-46-7	
2,2-Dichloropropane	**<4.5**	ug/L	15.1	4.5	2		11/24/20 04:19	594-20-7	
2-Chlorotoluene	**<1.9**	ug/L	10.0	1.9	2		11/24/20 04:19	95-49-8	
4-Chlorotoluene	**<1.5**	ug/L	5.0	1.5	2		11/24/20 04:19	106-43-4	
Benzene	**<0.49**	ug/L	2.0	0.49	2		11/24/20 04:19	71-43-2	
Bromobenzene	**<0.48**	ug/L	2.0	0.48	2		11/24/20 04:19	108-86-1	
Bromochloromethane	**<0.72**	ug/L	10.0	0.72	2		11/24/20 04:19	74-97-5	
Bromodichloromethane	**<0.73**	ug/L	2.4	0.73	2		11/24/20 04:19	75-27-4	
Bromoform	**<7.9**	ug/L	26.5	7.9	2		11/24/20 04:19	75-25-2	
Bromomethane	**<1.9**	ug/L	10.0	1.9	2		11/24/20 04:19	74-83-9	
Carbon tetrachloride	**<2.2**	ug/L	7.2	2.2	2		11/24/20 04:19	56-23-5	
Chlorobenzene	**<1.4**	ug/L	4.7	1.4	2		11/24/20 04:19	108-90-7	
Chloroethane	**<2.7**	ug/L	10.0	2.7	2		11/24/20 04:19	75-00-3	
Chloroform	**<2.5**	ug/L	10.0	2.5	2		11/24/20 04:19	67-66-3	
Chloromethane	**<4.4**	ug/L	14.6	4.4	2		11/24/20 04:19	74-87-3	
Dibromochloromethane	**<5.2**	ug/L	17.3	5.2	2		11/24/20 04:19	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.: 40218788

Sample: MW-2 **Lab ID: 40218788004** Collected: 11/19/20 10:56 Received: 11/20/20 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<1.9**	ug/L	6.2	1.9	2		11/24/20 04:19	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	10.0	1.0	2		11/24/20 04:19	75-71-8	
Diisopropyl ether	**<3.8**	ug/L	12.6	3.8	2		11/24/20 04:19	108-20-3	
Ethylbenzene	**<0.64**	ug/L	2.1	0.64	2		11/24/20 04:19	100-41-4	
Hexachloro-1,3-butadiene	**<2.9**	ug/L	9.8	2.9	2		11/24/20 04:19	87-68-3	
Isopropylbenzene (Cumene)	**<3.4**	ug/L	11.2	3.4	2		11/24/20 04:19	98-82-8	
Methyl-tert-butyl ether	**<2.5**	ug/L	8.3	2.5	2		11/24/20 04:19	1634-04-4	
Methylene Chloride	**<1.2**	ug/L	10.0	1.2	2		11/24/20 04:19	75-09-2	
Naphthalene	**<2.4**	ug/L	10.0	2.4	2		11/24/20 04:19	91-20-3	
Styrene	**<6.0**	ug/L	20.1	6.0	2		11/24/20 04:19	100-42-5	
Tetrachloroethene	**<0.65**	ug/L	2.2	0.65	2		11/24/20 04:19	127-18-4	
Toluene	**<0.54**	ug/L	2.0	0.54	2		11/24/20 04:19	108-88-3	
Trichloroethene	**<0.51**	ug/L	2.0	0.51	2		11/24/20 04:19	79-01-6	
Trichlorofluoromethane	**<0.43**	ug/L	2.0	0.43	2		11/24/20 04:19	75-69-4	
Vinyl chloride	**4.9**	ug/L	2.0	0.35	2		11/24/20 04:19	75-01-4	
cis-1,2-Dichloroethene	**104**	ug/L	2.0	0.54	2		11/24/20 04:19	156-59-2	
cis-1,3-Dichloropropene	**<7.3**	ug/L	24.2	7.3	2		11/24/20 04:19	10061-01-5	
m&p-Xylene	**<0.93**	ug/L	4.0	0.93	2		11/24/20 04:19	179601-23-1	
n-Butylbenzene	**<1.4**	ug/L	4.7	1.4	2		11/24/20 04:19	104-51-8	
n-Propylbenzene	**<1.6**	ug/L	10.0	1.6	2		11/24/20 04:19	103-65-1	
o-Xylene	**<0.52**	ug/L	2.0	0.52	2		11/24/20 04:19	95-47-6	
p-Isopropyltoluene	**<1.6**	ug/L	5.3	1.6	2		11/24/20 04:19	99-87-6	
sec-Butylbenzene	**<1.7**	ug/L	10.0	1.7	2		11/24/20 04:19	135-98-8	
tert-Butylbenzene	**<0.61**	ug/L	2.0	0.61	2		11/24/20 04:19	98-06-6	
trans-1,2-Dichloroethene	**<0.93**	ug/L	3.1	0.93	2		11/24/20 04:19	156-60-5	
trans-1,3-Dichloropropene	**<8.7**	ug/L	29.1	8.7	2		11/24/20 04:19	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		2		11/24/20 04:19	460-00-4	
Dibromofluoromethane (S)	111	%	70-130		2		11/24/20 04:19	1868-53-7	
Toluene-d8 (S)	100	%	70-130		2		11/24/20 04:19	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		11/20/20 19:58	14797-55-8	
Sulfate	**5.0**	mg/L	2.0	0.44	1		11/20/20 19:58	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**83.7**	mg/L	5.0	1.4	10		12/01/20 07:46	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.: 40218788

Sample: MW-1R **Lab ID: 40218788005** Collected: 11/19/20 11:31 Received: 11/20/20 10:25 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		11/23/20 11:47	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/23/20 11:47	74-85-1	
Methane	**2.2J**	ug/L	2.8	0.66	1		11/23/20 11:47	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		11/25/20 13:29	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		11/24/20 00:44	630-20-6	
1,1,1-Trichloroethane	**0.98J**	ug/L	1.0	0.24	1		11/24/20 00:44	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 00:44	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/24/20 00:44	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/24/20 00:44	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/24/20 00:44	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/24/20 00:44	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/24/20 00:44	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/24/20 00:44	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/24/20 00:44	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/24/20 00:44	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/24/20 00:44	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/24/20 00:44	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 00:44	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 00:44	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 00:44	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/24/20 00:44	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/24/20 00:44	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/24/20 00:44	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/24/20 00:44	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/24/20 00:44	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/24/20 00:44	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/24/20 00:44	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/24/20 00:44	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/24/20 00:44	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/24/20 00:44	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/24/20 00:44	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/24/20 00:44	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/24/20 00:44	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/24/20 00:44	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 00:44	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/24/20 00:44	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/24/20 00:44	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/24/20 00:44	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/24/20 00:44	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.: 40218788

Sample: MW-1R **Lab ID: 40218788005** Collected: 11/19/20 11:31 Received: 11/20/20 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/24/20 00:44	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/24/20 00:44	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/24/20 00:44	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/24/20 00:44	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/24/20 00:44	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/24/20 00:44	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/24/20 00:44	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/24/20 00:44	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/24/20 00:44	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/24/20 00:44	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/24/20 00:44	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/24/20 00:44	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		11/24/20 00:44	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/24/20 00:44	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/24/20 00:44	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/24/20 00:44	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/24/20 00:44	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/24/20 00:44	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 00:44	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/24/20 00:44	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/24/20 00:44	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/24/20 00:44	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/24/20 00:44	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/24/20 00:44	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/24/20 00:44	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/24/20 00:44	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		11/24/20 00:44	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		11/24/20 00:44	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		11/24/20 00:44	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Nitrate as N	**1.7**	mg/L	1.5	0.44	10		11/23/20 13:08	14797-55-8	H5
Sulfate	**69.4**	mg/L	20.0	4.4	10		11/23/20 13:08	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**1.9**	mg/L	0.50	0.14	1		12/01/20 08:02	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.: 40218788

Sample: IMP-1 **Lab ID: 40218788006** Collected: 11/19/20 12:11 Received: 11/20/20 10:25 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		11/23/20 11:54	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/23/20 11:54	74-85-1	
Methane	**387**	ug/L	5.6	1.3	2		11/23/20 13:58	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**32400**	ug/L	100	29.6	1		11/25/20 13:32	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		11/24/20 00:01	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/24/20 00:01	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 00:01	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/24/20 00:01	79-00-5	
1,1-Dichloroethane	**0.55J**	ug/L	1.0	0.27	1		11/24/20 00:01	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/24/20 00:01	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/24/20 00:01	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/24/20 00:01	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/24/20 00:01	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/24/20 00:01	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/24/20 00:01	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/24/20 00:01	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/24/20 00:01	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 00:01	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 00:01	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 00:01	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/24/20 00:01	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/24/20 00:01	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/24/20 00:01	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/24/20 00:01	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/24/20 00:01	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/24/20 00:01	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/24/20 00:01	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/24/20 00:01	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/24/20 00:01	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/24/20 00:01	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/24/20 00:01	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/24/20 00:01	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/24/20 00:01	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/24/20 00:01	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 00:01	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/24/20 00:01	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/24/20 00:01	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/24/20 00:01	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/24/20 00:01	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.: 40218788

Sample: IMP-1 **Lab ID: 40218788006** Collected: 11/19/20 12:11 Received: 11/20/20 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/24/20 00:01	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/24/20 00:01	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/24/20 00:01	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/24/20 00:01	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/24/20 00:01	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/24/20 00:01	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/24/20 00:01	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/24/20 00:01	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/24/20 00:01	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/24/20 00:01	100-42-5	
Tetrachloroethene	**0.46J**	ug/L	1.1	0.33	1		11/24/20 00:01	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/24/20 00:01	108-88-3	
Trichloroethene	**0.84J**	ug/L	1.0	0.26	1		11/24/20 00:01	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/24/20 00:01	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/24/20 00:01	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/24/20 00:01	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/24/20 00:01	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/24/20 00:01	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 00:01	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/24/20 00:01	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/24/20 00:01	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/24/20 00:01	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/24/20 00:01	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/24/20 00:01	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/24/20 00:01	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/24/20 00:01	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		11/24/20 00:01	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		11/24/20 00:01	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/24/20 00:01	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		11/20/20 21:42	14797-55-8	
Sulfate	**2.1**	mg/L	2.0	0.44	1		11/20/20 21:42	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**231**	mg/L	10.0	2.8	20		12/01/20 08:19	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.: 40218788

Sample: IMP-2 **Lab ID: 40218788007** Collected: 11/19/20 12:48 Received: 11/20/20 10:25 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		11/23/20 12:01	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/23/20 12:01	74-85-1	
Methane	**1.2J**	ug/L	2.8	0.66	1		11/23/20 12:01	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**192**	ug/L	100	29.6	1		11/25/20 13:34	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		11/24/20 06:40	630-20-6	
1,1,1-Trichloroethane	**0.74J**	ug/L	1.0	0.24	1		11/24/20 06:40	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 06:40	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/24/20 06:40	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		11/24/20 06:40	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/24/20 06:40	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/24/20 06:40	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/24/20 06:40	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/24/20 06:40	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/24/20 06:40	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/24/20 06:40	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/24/20 06:40	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/24/20 06:40	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 06:40	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 06:40	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 06:40	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/24/20 06:40	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/24/20 06:40	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/24/20 06:40	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/24/20 06:40	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/24/20 06:40	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/24/20 06:40	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/24/20 06:40	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/24/20 06:40	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/24/20 06:40	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/24/20 06:40	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/24/20 06:40	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/24/20 06:40	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/24/20 06:40	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/24/20 06:40	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 06:40	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/24/20 06:40	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/24/20 06:40	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/24/20 06:40	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/24/20 06:40	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.: 40218788

Sample: IMP-2 **Lab ID: 40218788007** Collected: 11/19/20 12:48 Received: 11/20/20 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/24/20 06:40	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/24/20 06:40	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/24/20 06:40	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/24/20 06:40	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/24/20 06:40	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/24/20 06:40	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/24/20 06:40	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/24/20 06:40	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/24/20 06:40	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/24/20 06:40	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		11/24/20 06:40	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/24/20 06:40	108-88-3	
Trichloroethene	**13.9**	ug/L	1.0	0.26	1		11/24/20 06:40	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/24/20 06:40	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/24/20 06:40	75-01-4	
cis-1,2-Dichloroethene	**1.4**	ug/L	1.0	0.27	1		11/24/20 06:40	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/24/20 06:40	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/24/20 06:40	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 06:40	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/24/20 06:40	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/24/20 06:40	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/24/20 06:40	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/24/20 06:40	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/24/20 06:40	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/24/20 06:40	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/24/20 06:40	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		11/24/20 06:40	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		11/24/20 06:40	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		11/24/20 06:40	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		11/20/20 21:57	14797-55-8	
Sulfate	**42.0**	mg/L	2.0	0.44	1		11/20/20 21:57	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**1.0**	mg/L	0.50	0.14	1		12/01/20 08:35	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.: 40218788

Sample: IMP-5 **Lab ID: 40218788008** Collected: 11/19/20 13:25 Received: 11/20/20 10:25 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		11/23/20 12:08	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/23/20 12:08	74-85-1	
Methane	**6.8**	ug/L	2.8	0.66	1		11/23/20 12:08	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**34.1J**	ug/L	100	29.6	1		11/25/20 13:36	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		11/24/20 05:02	630-20-6	
1,1,1-Trichloroethane	**5720**	ug/L	50.0	12.2	50		11/24/20 05:02	71-55-6	
1,1,2,2-Tetrachloroethane	**<13.8**	ug/L	50.0	13.8	50		11/24/20 05:02	79-34-5	
1,1,2-Trichloroethane	**<27.6**	ug/L	250	27.6	50		11/24/20 05:02	79-00-5	
1,1-Dichloroethane	**42.9J**	ug/L	50.0	13.6	50		11/24/20 05:02	75-34-3	
1,1-Dichloroethene	**101**	ug/L	50.0	12.2	50		11/24/20 05:02	75-35-4	
1,1-Dichloropropene	**<27.0**	ug/L	90.0	27.0	50		11/24/20 05:02	563-58-6	
1,2,3-Trichlorobenzene	**<111**	ug/L	368	111	50		11/24/20 05:02	87-61-6	
1,2,3-Trichloropropane	**<29.5**	ug/L	250	29.5	50		11/24/20 05:02	96-18-4	
1,2,4-Trichlorobenzene	**<47.6**	ug/L	250	47.6	50		11/24/20 05:02	120-82-1	
1,2,4-Trimethylbenzene	**<42.0**	ug/L	140	42.0	50		11/24/20 05:02	95-63-6	
1,2-Dibromo-3-chloropropane	**<88.2**	ug/L	294	88.2	50		11/24/20 05:02	96-12-8	
1,2-Dibromoethane (EDB)	**<41.5**	ug/L	138	41.5	50		11/24/20 05:02	106-93-4	
1,2-Dichlorobenzene	**<35.3**	ug/L	118	35.3	50		11/24/20 05:02	95-50-1	
1,2-Dichloroethane	**<14.0**	ug/L	50.0	14.0	50		11/24/20 05:02	107-06-2	
1,2-Dichloropropane	**<14.1**	ug/L	50.0	14.1	50		11/24/20 05:02	78-87-5	
1,3,5-Trimethylbenzene	**<43.7**	ug/L	146	43.7	50		11/24/20 05:02	108-67-8	
1,3-Dichlorobenzene	**<31.4**	ug/L	105	31.4	50		11/24/20 05:02	541-73-1	
1,3-Dichloropropane	**<41.3**	ug/L	138	41.3	50		11/24/20 05:02	142-28-9	
1,4-Dichlorobenzene	**<47.2**	ug/L	157	47.2	50		11/24/20 05:02	106-46-7	
2,2-Dichloropropane	**<113**	ug/L	378	113	50		11/24/20 05:02	594-20-7	
2-Chlorotoluene	**<46.3**	ug/L	250	46.3	50		11/24/20 05:02	95-49-8	
4-Chlorotoluene	**<37.8**	ug/L	126	37.8	50		11/24/20 05:02	106-43-4	
Benzene	**<12.3**	ug/L	50.0	12.3	50		11/24/20 05:02	71-43-2	
Bromobenzene	**<12.1**	ug/L	50.0	12.1	50		11/24/20 05:02	108-86-1	
Bromochloromethane	**<18.1**	ug/L	250	18.1	50		11/24/20 05:02	74-97-5	
Bromodichloromethane	**<18.2**	ug/L	60.6	18.2	50		11/24/20 05:02	75-27-4	
Bromoform	**<199**	ug/L	662	199	50		11/24/20 05:02	75-25-2	
Bromomethane	**<48.6**	ug/L	250	48.6	50		11/24/20 05:02	74-83-9	
Carbon tetrachloride	**<53.8**	ug/L	179	53.8	50		11/24/20 05:02	56-23-5	
Chlorobenzene	**<35.5**	ug/L	118	35.5	50		11/24/20 05:02	108-90-7	
Chloroethane	**<67.1**	ug/L	250	67.1	50		11/24/20 05:02	75-00-3	
Chloroform	**<63.7**	ug/L	250	63.7	50		11/24/20 05:02	67-66-3	
Chloromethane	**<109**	ug/L	365	109	50		11/24/20 05:02	74-87-3	
Dibromochloromethane	**<130**	ug/L	434	130	50		11/24/20 05:02	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.: 40218788

Sample: IMP-5 **Lab ID: 40218788008** Collected: 11/19/20 13:25 Received: 11/20/20 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<46.8**	ug/L	156	46.8	50		11/24/20 05:02	74-95-3	
Dichlorodifluoromethane	**<25.0**	ug/L	250	25.0	50		11/24/20 05:02	75-71-8	
Diisopropyl ether	**<94.4**	ug/L	315	94.4	50		11/24/20 05:02	108-20-3	
Ethylbenzene	**<15.9**	ug/L	53.1	15.9	50		11/24/20 05:02	100-41-4	
Hexachloro-1,3-butadiene	**<73.1**	ug/L	244	73.1	50		11/24/20 05:02	87-68-3	
Isopropylbenzene (Cumene)	**<84.3**	ug/L	281	84.3	50		11/24/20 05:02	98-82-8	
Methyl-tert-butyl ether	**<62.3**	ug/L	208	62.3	50		11/24/20 05:02	1634-04-4	
Methylene Chloride	**<29.0**	ug/L	250	29.0	50		11/24/20 05:02	75-09-2	
Naphthalene	**<58.8**	ug/L	250	58.8	50		11/24/20 05:02	91-20-3	
Styrene	**<150**	ug/L	502	150	50		11/24/20 05:02	100-42-5	
Tetrachloroethene	**<16.3**	ug/L	54.4	16.3	50		11/24/20 05:02	127-18-4	
Toluene	**<13.5**	ug/L	50.0	13.5	50		11/24/20 05:02	108-88-3	
Trichloroethene	**105**	ug/L	50.0	12.8	50		11/24/20 05:02	79-01-6	
Trichlorofluoromethane	**<10.7**	ug/L	50.0	10.7	50		11/24/20 05:02	75-69-4	
Vinyl chloride	**<8.7**	ug/L	50.0	8.7	50		11/24/20 05:02	75-01-4	
cis-1,2-Dichloroethene	**1010**	ug/L	50.0	13.6	50		11/24/20 05:02	156-59-2	
cis-1,3-Dichloropropene	**<181**	ug/L	605	181	50		11/24/20 05:02	10061-01-5	
m&p-Xylene	**<23.3**	ug/L	100	23.3	50		11/24/20 05:02	179601-23-1	
n-Butylbenzene	**<35.4**	ug/L	118	35.4	50		11/24/20 05:02	104-51-8	
n-Propylbenzene	**<40.5**	ug/L	250	40.5	50		11/24/20 05:02	103-65-1	
o-Xylene	**<13.1**	ug/L	50.0	13.1	50		11/24/20 05:02	95-47-6	
p-Isopropyltoluene	**<40.0**	ug/L	133	40.0	50		11/24/20 05:02	99-87-6	
sec-Butylbenzene	**<42.4**	ug/L	250	42.4	50		11/24/20 05:02	135-98-8	
tert-Butylbenzene	**<15.2**	ug/L	50.6	15.2	50		11/24/20 05:02	98-06-6	
trans-1,2-Dichloroethene	**<23.2**	ug/L	77.4	23.2	50		11/24/20 05:02	156-60-5	
trans-1,3-Dichloropropene	**<219**	ug/L	728	219	50		11/24/20 05:02	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		50		11/24/20 05:02	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		50		11/24/20 05:02	1868-53-7	
Toluene-d8 (S)	101	%	70-130		50		11/24/20 05:02	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		11/20/20 22:12	14797-55-8	
Sulfate	**37.8**	mg/L	2.0	0.44	1		11/20/20 22:12	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.1**	mg/L	0.50	0.14	1		12/01/20 08:49	7440-44-0	

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.: 40218788

Sample: IMP-4 **Lab ID: 40218788009** Collected: 11/19/20 14:10 Received: 11/20/20 10:25 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		11/23/20 12:15	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		11/23/20 12:15	74-85-1	
Methane	**6.7**	ug/L	2.8	0.66	1		11/23/20 12:15	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		11/25/20 13:39	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		11/24/20 09:10	630-20-6	
1,1,1-Trichloroethane	**442**	ug/L	10.0	2.4	10		11/24/20 09:10	71-55-6	
1,1,2,2-Tetrachloroethane	**<2.8**	ug/L	10.0	2.8	10		11/24/20 09:10	79-34-5	
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		11/24/20 09:10	79-00-5	
1,1-Dichloroethane	**866**	ug/L	10.0	2.7	10		11/24/20 09:10	75-34-3	
1,1-Dichloroethene	**621**	ug/L	10.0	2.4	10		11/24/20 09:10	75-35-4	
1,1-Dichloropropene	**<5.4**	ug/L	18.0	5.4	10		11/24/20 09:10	563-58-6	
1,2,3-Trichlorobenzene	**<22.1**	ug/L	73.7	22.1	10		11/24/20 09:10	87-61-6	
1,2,3-Trichloropropane	**<5.9**	ug/L	50.0	5.9	10		11/24/20 09:10	96-18-4	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		11/24/20 09:10	120-82-1	
1,2,4-Trimethylbenzene	**<8.4**	ug/L	28.0	8.4	10		11/24/20 09:10	95-63-6	
1,2-Dibromo-3-chloropropane	**<17.6**	ug/L	58.8	17.6	10		11/24/20 09:10	96-12-8	
1,2-Dibromoethane (EDB)	**<8.3**	ug/L	27.6	8.3	10		11/24/20 09:10	106-93-4	
1,2-Dichlorobenzene	**<7.1**	ug/L	23.5	7.1	10		11/24/20 09:10	95-50-1	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		11/24/20 09:10	107-06-2	
1,2-Dichloropropane	**<2.8**	ug/L	10.0	2.8	10		11/24/20 09:10	78-87-5	
1,3,5-Trimethylbenzene	**<8.7**	ug/L	29.1	8.7	10		11/24/20 09:10	108-67-8	
1,3-Dichlorobenzene	**<6.3**	ug/L	20.9	6.3	10		11/24/20 09:10	541-73-1	
1,3-Dichloropropane	**<8.3**	ug/L	27.5	8.3	10		11/24/20 09:10	142-28-9	
1,4-Dichlorobenzene	**<9.4**	ug/L	31.5	9.4	10		11/24/20 09:10	106-46-7	
2,2-Dichloropropane	**<22.7**	ug/L	75.5	22.7	10		11/24/20 09:10	594-20-7	
2-Chlorotoluene	**<9.3**	ug/L	50.0	9.3	10		11/24/20 09:10	95-49-8	
4-Chlorotoluene	**<7.6**	ug/L	25.2	7.6	10		11/24/20 09:10	106-43-4	
Benzene	**<2.5**	ug/L	10.0	2.5	10		11/24/20 09:10	71-43-2	
Bromobenzene	**<2.4**	ug/L	10.0	2.4	10		11/24/20 09:10	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		11/24/20 09:10	74-97-5	
Bromodichloromethane	**<3.6**	ug/L	12.1	3.6	10		11/24/20 09:10	75-27-4	
Bromoform	**<39.7**	ug/L	132	39.7	10		11/24/20 09:10	75-25-2	
Bromomethane	**<9.7**	ug/L	50.0	9.7	10		11/24/20 09:10	74-83-9	
Carbon tetrachloride	**<10.8**	ug/L	35.9	10.8	10		11/24/20 09:10	56-23-5	
Chlorobenzene	**<7.1**	ug/L	23.7	7.1	10		11/24/20 09:10	108-90-7	
Chloroethane	**<13.4**	ug/L	50.0	13.4	10		11/24/20 09:10	75-00-3	
Chloroform	**<12.7**	ug/L	50.0	12.7	10		11/24/20 09:10	67-66-3	
Chloromethane	**<21.9**	ug/L	73.0	21.9	10		11/24/20 09:10	74-87-3	
Dibromochloromethane	**<26.0**	ug/L	86.7	26.0	10		11/24/20 09:10	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.: 40218788

Sample: IMP-4 **Lab ID: 40218788009** Collected: 11/19/20 14:10 Received: 11/20/20 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<9.4**	ug/L	31.2	9.4	10		11/24/20 09:10	74-95-3	
Dichlorodifluoromethane	**<5.0**	ug/L	50.0	5.0	10		11/24/20 09:10	75-71-8	
Diisopropyl ether	**<18.9**	ug/L	62.9	18.9	10		11/24/20 09:10	108-20-3	
Ethylbenzene	**<3.2**	ug/L	10.6	3.2	10		11/24/20 09:10	100-41-4	
Hexachloro-1,3-butadiene	**<14.6**	ug/L	48.8	14.6	10		11/24/20 09:10	87-68-3	
Isopropylbenzene (Cumene)	**<16.9**	ug/L	56.2	16.9	10		11/24/20 09:10	98-82-8	
Methyl-tert-butyl ether	**<12.5**	ug/L	41.5	12.5	10		11/24/20 09:10	1634-04-4	
Methylene Chloride	**<5.8**	ug/L	50.0	5.8	10		11/24/20 09:10	75-09-2	
Naphthalene	**<11.8**	ug/L	50.0	11.8	10		11/24/20 09:10	91-20-3	
Styrene	**<30.1**	ug/L	100	30.1	10		11/24/20 09:10	100-42-5	
Tetrachloroethene	**9.6J**	ug/L	10.9	3.3	10		11/24/20 09:10	127-18-4	
Toluene	**<2.7**	ug/L	10.0	2.7	10		11/24/20 09:10	108-88-3	
Trichloroethene	**533**	ug/L	50.0	12.8	50		11/24/20 07:01	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	10.0	2.1	10		11/24/20 09:10	75-69-4	
Vinyl chloride	**3.4J**	ug/L	10.0	1.7	10		11/24/20 09:10	75-01-4	
cis-1,2-Dichloroethene	**148**	ug/L	10.0	2.7	10		11/24/20 09:10	156-59-2	
cis-1,3-Dichloropropene	**<36.3**	ug/L	121	36.3	10		11/24/20 09:10	10061-01-5	
m&p-Xylene	**<4.7**	ug/L	20.0	4.7	10		11/24/20 09:10	179601-23-1	
n-Butylbenzene	**<7.1**	ug/L	23.6	7.1	10		11/24/20 09:10	104-51-8	
n-Propylbenzene	**<8.1**	ug/L	50.0	8.1	10		11/24/20 09:10	103-65-1	
o-Xylene	**<2.6**	ug/L	10.0	2.6	10		11/24/20 09:10	95-47-6	
p-Isopropyltoluene	**<8.0**	ug/L	26.7	8.0	10		11/24/20 09:10	99-87-6	
sec-Butylbenzene	**<8.5**	ug/L	50.0	8.5	10		11/24/20 09:10	135-98-8	
tert-Butylbenzene	**<3.0**	ug/L	10.1	3.0	10		11/24/20 09:10	98-06-6	
trans-1,2-Dichloroethene	**31.6**	ug/L	15.5	4.6	10		11/24/20 09:10	156-60-5	
trans-1,3-Dichloropropene	**<43.7**	ug/L	146	43.7	10		11/24/20 09:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		10		11/24/20 09:10	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		10		11/24/20 09:10	1868-53-7	
Toluene-d8 (S)	102	%	70-130		10		11/24/20 09:10	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		11/20/20 22:27	14797-55-8	
Sulfate	**51.3**	mg/L	2.0	0.44	1		11/20/20 22:27	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**1.7**	mg/L	0.50	0.14	1		12/01/20 09:24	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.: 40218788

Sample: DUP-3 **Lab ID: 40218788010** Collected: 11/19/20 00:00 Received: 11/20/20 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		11/24/20 09:31	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		11/24/20 09:31	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 09:31	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		11/24/20 09:31	79-00-5	
1,1-Dichloroethane	**0.54J**	ug/L	1.0	0.27	1		11/24/20 09:31	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		11/24/20 09:31	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		11/24/20 09:31	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		11/24/20 09:31	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		11/24/20 09:31	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/24/20 09:31	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		11/24/20 09:31	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		11/24/20 09:31	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		11/24/20 09:31	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 09:31	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 09:31	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		11/24/20 09:31	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		11/24/20 09:31	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		11/24/20 09:31	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		11/24/20 09:31	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		11/24/20 09:31	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		11/24/20 09:31	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		11/24/20 09:31	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		11/24/20 09:31	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		11/24/20 09:31	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		11/24/20 09:31	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		11/24/20 09:31	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		11/24/20 09:31	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		11/24/20 09:31	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		11/24/20 09:31	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		11/24/20 09:31	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 09:31	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		11/24/20 09:31	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/24/20 09:31	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		11/24/20 09:31	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		11/24/20 09:31	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		11/24/20 09:31	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		11/24/20 09:31	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		11/24/20 09:31	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		11/24/20 09:31	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		11/24/20 09:31	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		11/24/20 09:31	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		11/24/20 09:31	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		11/24/20 09:31	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		11/24/20 09:31	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		11/24/20 09:31	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.: 40218788

Sample: DUP-3 **Lab ID: 40218788010** Collected: 11/19/20 00:00 Received: 11/20/20 10:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Tetrachloroethene	**0.36J**	ug/L	1.1	0.33	1		11/24/20 09:31	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		11/24/20 09:31	108-88-3	
Trichloroethene	**0.94J**	ug/L	1.0	0.26	1		11/24/20 09:31	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		11/24/20 09:31	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/24/20 09:31	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		11/24/20 09:31	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		11/24/20 09:31	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		11/24/20 09:31	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		11/24/20 09:31	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		11/24/20 09:31	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		11/24/20 09:31	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		11/24/20 09:31	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		11/24/20 09:31	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		11/24/20 09:31	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		11/24/20 09:31	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		11/24/20 09:31	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		11/24/20 09:31	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		11/24/20 09:31	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		11/24/20 09:31	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.: 40218788

QC Batch: 372102
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: 40218788001, 40218788002, 40218788003, 40218788004, 40218788005, 40218788006, 40218788007, 40218788008, 40218788009

METHOD BLANK: 2152107 Matrix: Water
Associated Lab Samples: 40218788001, 40218788002, 40218788003, 40218788004, 40218788005, 40218788006, 40218788007, 40218788008, 40218788009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<1.2	5.6	11/23/20 08:40	
Ethene	ug/L	<1.2	5.0	11/23/20 08:40	
Methane	ug/L	<0.66	2.8	11/23/20 08:40	

LABORATORY CONTROL SAMPLE & LCSD: 2152108 2152109

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	57.0	60.0	106	112	80-120	5	20	
Ethene	ug/L	50	52.3	54.6	105	109	80-120	4	20	
Methane	ug/L	28.6	30.1	31.7	105	111	79-120	5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2152245 2152246

Parameter	Units	40218592011 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	58.1	58.6	108	109	79-120	1	20	
Ethene	ug/L	<1.2	50	50	53.0	53.2	106	106	79-120	0	20	
Methane	ug/L	1.1J	28.6	28.6	30.5	30.9	103	105	10-200	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.: 40218788

QC Batch: 372320 | Analysis Method: EPA 6010
QC Batch Method: EPA 6010 | Analysis Description: ICP Metals, Trace, Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40218788001, 40218788002, 40218788003, 40218788004, 40218788005, 40218788006, 40218788007, 40218788008, 40218788009

METHOD BLANK: 2152891 Matrix: Water
Associated Lab Samples: 40218788001, 40218788002, 40218788003, 40218788004, 40218788005, 40218788006, 40218788007, 40218788008, 40218788009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	11/25/20 13:00	

LABORATORY CONTROL SAMPLE: 2152892

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	5150	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2152894 2152895

Parameter	Units	40218788001 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	4060	5000	5000	9100	9200	101	103	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.: 40218788

QC Batch: 372070
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40218788001, 40218788002, 40218788003, 40218788004, 40218788005, 40218788006, 40218788007, 40218788008, 40218788009, 40218788010

METHOD BLANK: 2151979
Matrix: Water
Associated Lab Samples: 40218788001, 40218788002, 40218788003, 40218788004, 40218788005, 40218788006, 40218788007, 40218788008, 40218788009, 40218788010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	11/23/20 18:17	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	11/23/20 18:17	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	11/23/20 18:17	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	11/23/20 18:17	
1,1-Dichloroethane	ug/L	<0.27	1.0	11/23/20 18:17	
1,1-Dichloroethene	ug/L	<0.24	1.0	11/23/20 18:17	
1,1-Dichloropropene	ug/L	<0.54	1.8	11/23/20 18:17	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	11/23/20 18:17	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	11/23/20 18:17	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/23/20 18:17	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	11/23/20 18:17	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	11/23/20 18:17	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	11/23/20 18:17	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	11/23/20 18:17	
1,2-Dichloroethane	ug/L	<0.28	1.0	11/23/20 18:17	
1,2-Dichloropropane	ug/L	<0.28	1.0	11/23/20 18:17	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	11/23/20 18:17	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	11/23/20 18:17	
1,3-Dichloropropane	ug/L	<0.83	2.8	11/23/20 18:17	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	11/23/20 18:17	
2,2-Dichloropropane	ug/L	<2.3	7.6	11/23/20 18:17	
2-Chlorotoluene	ug/L	<0.93	5.0	11/23/20 18:17	
4-Chlorotoluene	ug/L	<0.76	2.5	11/23/20 18:17	
Benzene	ug/L	<0.25	1.0	11/23/20 18:17	
Bromobenzene	ug/L	<0.24	1.0	11/23/20 18:17	
Bromochloromethane	ug/L	<0.36	5.0	11/23/20 18:17	
Bromodichloromethane	ug/L	<0.36	1.2	11/23/20 18:17	
Bromoform	ug/L	<4.0	13.2	11/23/20 18:17	
Bromomethane	ug/L	<0.97	5.0	11/23/20 18:17	
Carbon tetrachloride	ug/L	<1.1	3.6	11/23/20 18:17	
Chlorobenzene	ug/L	<0.71	2.4	11/23/20 18:17	
Chloroethane	ug/L	<1.3	5.0	11/23/20 18:17	
Chloroform	ug/L	<1.3	5.0	11/23/20 18:17	
Chloromethane	ug/L	<2.2	7.3	11/23/20 18:17	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	11/23/20 18:17	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	11/23/20 18:17	
Dibromochloromethane	ug/L	<2.6	8.7	11/23/20 18:17	
Dibromomethane	ug/L	<0.94	3.1	11/23/20 18:17	
Dichlorodifluoromethane	ug/L	<0.50	5.0	11/23/20 18:17	

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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.: 40218788

METHOD BLANK: 2151979 Matrix: Water

Associated Lab Samples: 40218788001, 40218788002, 40218788003, 40218788004, 40218788005, 40218788006, 40218788007, 40218788008, 40218788009, 40218788010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.9	6.3	11/23/20 18:17	
Ethylbenzene	ug/L	<0.32	1.1	11/23/20 18:17	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	11/23/20 18:17	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	11/23/20 18:17	
m&p-Xylene	ug/L	<0.47	2.0	11/23/20 18:17	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	11/23/20 18:17	
Methylene Chloride	ug/L	<0.58	5.0	11/23/20 18:17	
n-Butylbenzene	ug/L	<0.71	2.4	11/23/20 18:17	
n-Propylbenzene	ug/L	<0.81	5.0	11/23/20 18:17	
Naphthalene	ug/L	<1.2	5.0	11/23/20 18:17	
o-Xylene	ug/L	<0.26	1.0	11/23/20 18:17	
p-Isopropyltoluene	ug/L	<0.80	2.7	11/23/20 18:17	
sec-Butylbenzene	ug/L	<0.85	5.0	11/23/20 18:17	
Styrene	ug/L	<3.0	10.0	11/23/20 18:17	
tert-Butylbenzene	ug/L	<0.30	1.0	11/23/20 18:17	
Tetrachloroethene	ug/L	<0.33	1.1	11/23/20 18:17	
Toluene	ug/L	<0.27	1.0	11/23/20 18:17	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	11/23/20 18:17	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	11/23/20 18:17	
Trichloroethene	ug/L	<0.26	1.0	11/23/20 18:17	
Trichlorofluoromethane	ug/L	<0.21	1.0	11/23/20 18:17	
Vinyl chloride	ug/L	<0.17	1.0	11/23/20 18:17	
4-Bromofluorobenzene (S)	%	88	70-130	11/23/20 18:17	
Dibromofluoromethane (S)	%	104	70-130	11/23/20 18:17	
Toluene-d8 (S)	%	101	70-130	11/23/20 18:17	

LABORATORY CONTROL SAMPLE: 2151980

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.8	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	57.1	114	64-131	
1,1,2-Trichloroethane	ug/L	50	52.7	105	70-130	
1,1-Dichloroethane	ug/L	50	38.0	76	69-163	
1,1-Dichloroethene	ug/L	50	43.1	86	77-123	
1,2,4-Trichlorobenzene	ug/L	50	48.8	98	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.0	100	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.8	104	70-130	
1,2-Dichlorobenzene	ug/L	50	53.0	106	70-130	
1,2-Dichloroethane	ug/L	50	51.8	104	78-142	
1,2-Dichloropropane	ug/L	50	52.5	105	86-134	
1,3-Dichlorobenzene	ug/L	50	51.7	103	70-130	
1,4-Dichlorobenzene	ug/L	50	50.6	101	70-130	
Benzene	ug/L	50	54.4	109	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.: 40218788

LABORATORY CONTROL SAMPLE: 2151980

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	50	51.4	103	70-130	
Bromoform	ug/L	50	47.5	95	70-130	
Bromomethane	ug/L	50	28.3	57	39-129	
Carbon tetrachloride	ug/L	50	54.3	109	70-132	
Chlorobenzene	ug/L	50	52.3	105	70-130	
Chloroethane	ug/L	50	43.4	87	66-140	
Chloroform	ug/L	50	52.4	105	75-132	
Chloromethane	ug/L	50	45.5	91	32-143	
cis-1,2-Dichloroethene	ug/L	50	52.0	104	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.2	96	70-130	
Dibromochloromethane	ug/L	50	48.4	97	70-130	
Dichlorodifluoromethane	ug/L	50	40.3	81	10-141	
Ethylbenzene	ug/L	50	54.4	109	80-120	
Isopropylbenzene (Cumene)	ug/L	50	49.6	99	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	41.6	83	61-129	
Methylene Chloride	ug/L	50	41.5	83	70-130	
o-Xylene	ug/L	50	48.9	98	70-130	
Styrene	ug/L	50	49.0	98	70-130	
Tetrachloroethene	ug/L	50	49.0	98	70-130	
Toluene	ug/L	50	53.2	106	80-120	
trans-1,2-Dichloroethene	ug/L	50	42.0	84	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.5	93	69-130	
Trichloroethene	ug/L	50	51.3	103	70-130	
Trichlorofluoromethane	ug/L	50	47.8	96	75-145	
Vinyl chloride	ug/L	50	49.3	99	51-140	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			103	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2152180 2152181

Parameter	Units	40218788006 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	54.0	53.2	108	106	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	58.9	58.3	118	117	64-137	1	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	53.7	53.4	107	107	70-137	1	20	
1,1-Dichloroethane	ug/L	0.55J	50	50	39.2	38.5	77	76	69-163	2	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	44.2	43.5	88	87	77-129	2	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	50.7	50.2	101	100	68-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	56.8	55.6	114	111	60-130	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	52.0	52.4	104	105	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	54.1	52.1	108	104	70-130	4	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	51.6	51.8	103	104	78-145	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.: 40218788

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2152180 2152181

Parameter	Units	40218788006 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	52.6	52.5	105	105	86-135	0	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	52.9	51.6	106	103	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	51.2	49.9	102	100	70-130	3	20	
Benzene	ug/L	<0.25	50	50	55.2	54.4	110	109	70-136	1	20	
Bromodichloromethane	ug/L	<0.36	50	50	53.1	52.2	106	104	70-130	2	20	
Bromoform	ug/L	<4.0	50	50	49.3	49.5	99	99	69-130	0	20	
Bromomethane	ug/L	<0.97	50	50	31.2	30.9	62	62	39-138	1	20	
Carbon tetrachloride	ug/L	<1.1	50	50	56.1	56.2	112	112	70-142	0	20	
Chlorobenzene	ug/L	<0.71	50	50	53.6	53.9	107	108	70-130	0	20	
Chloroethane	ug/L	<1.3	50	50	44.3	43.9	89	88	61-149	1	20	
Chloroform	ug/L	<1.3	50	50	52.8	52.2	106	104	75-133	1	20	
Chloromethane	ug/L	<2.2	50	50	46.5	46.0	93	92	32-143	1	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	51.1	52.0	102	104	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	49.0	48.0	98	96	70-130	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	48.8	49.5	98	99	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	39.7	38.8	79	78	10-141	2	20	
Ethylbenzene	ug/L	<0.32	50	50	55.2	55.6	110	111	80-120	1	20	
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	49.7	50.0	99	100	70-130	1	20	
m&p-Xylene	ug/L	<0.47	100	100	109	109	109	109	70-130	0	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	41.7	41.2	83	82	61-136	1	20	
Methylene Chloride	ug/L	<0.58	50	50	41.6	41.8	83	84	68-137	1	20	
o-Xylene	ug/L	<0.26	50	50	49.4	49.2	99	98	70-130	0	20	
Styrene	ug/L	<3.0	50	50	50.2	49.1	100	98	70-130	2	20	
Tetrachloroethene	ug/L	0.46J	50	50	50.1	50.0	99	99	70-130	0	20	
Toluene	ug/L	<0.27	50	50	53.8	53.8	108	108	80-120	0	20	
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	42.8	42.6	86	85	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	46.5	46.9	93	94	69-130	1	20	
Trichloroethene	ug/L	0.84J	50	50	52.2	51.3	103	101	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	49.0	48.0	98	96	74-157	2	20	
Vinyl chloride	ug/L	<0.17	50	50	50.4	49.4	101	99	51-140	2	20	
4-Bromofluorobenzene (S)	%						100	101	70-130			
Dibromofluoromethane (S)	%						103	104	70-130			
Toluene-d8 (S)	%						100	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.: 40218788

QC Batch: 372047
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: 40218788001, 40218788002, 40218788003, 40218788004, 40218788005, 40218788006, 40218788007, 40218788008, 40218788009

METHOD BLANK: 2151268 Matrix: Water
Associated Lab Samples: 40218788001, 40218788002, 40218788003, 40218788004, 40218788005, 40218788006, 40218788007, 40218788008, 40218788009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	<0.044	0.15	11/20/20 15:16	
Sulfate	mg/L	<0.44	2.0	11/20/20 15:16	

LABORATORY CONTROL SAMPLE: 2151269

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	21.0	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2151270 2151271

Parameter	Units	40218788005 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	1.7	15	15	16.2	16.2	97	97	90-110	0	15	
Sulfate	mg/L	69.4	200	200	267	266	99	98	90-110	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2151319 2151320

Parameter	Units	40218736006 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	1.4	1.4	92	94	90-110	2	15	
Sulfate	mg/L	16.4	20	20	36.2	36.5	99	101	90-110	1	15	

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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.: 40218788

QC Batch: 372588 — Analysis Method: SM 5310C
QC Batch Method: SM 5310C — Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40218788001, 40218788002, 40218788003, 40218788004, 40218788005, 40218788006, 40218788007, 40218788008, 40218788009

METHOD BLANK: 2154066 — Matrix: Water
Associated Lab Samples: 40218788001, 40218788002, 40218788003, 40218788004, 40218788005, 40218788006, 40218788007, 40218788008, 40218788009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	12/01/20 05:09	

LABORATORY CONTROL SAMPLE: 2154067

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.8	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2154068 2154069

Parameter	Units	40218788001 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	5.3	12	12	17.6	17.8	103	105	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2154070 2154071

Parameter	Units	40218788002 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	7.2	36	36	42.7	42.8	99	99	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.: 40218788

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

H5 Reanalysis conducted in excess of EPA method holding time. Results confirm original analysis performed in hold time.

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.: 40218788

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40218788001	**OP-3**	EPA 8015B Modified	372102		
40218788002	**OP-2**	EPA 8015B Modified	372102		
40218788003	**MW-40**	EPA 8015B Modified	372102		
40218788004	**MW-2**	EPA 8015B Modified	372102		
40218788005	**MW-1R**	EPA 8015B Modified	372102		
40218788006	**IMP-1**	EPA 8015B Modified	372102		
40218788007	**IMP-2**	EPA 8015B Modified	372102		
40218788008	**IMP-5**	EPA 8015B Modified	372102		
40218788009	**IMP-4**	EPA 8015B Modified	372102		
40218788001	**OP-3**	EPA 6010	372320		
40218788002	**OP-2**	EPA 6010	372320		
40218788003	**MW-40**	EPA 6010	372320		
40218788004	**MW-2**	EPA 6010	372320		
40218788005	**MW-1R**	EPA 6010	372320		
40218788006	**IMP-1**	EPA 6010	372320		
40218788007	**IMP-2**	EPA 6010	372320		
40218788008	**IMP-5**	EPA 6010	372320		
40218788009	**IMP-4**	EPA 6010	372320		
40218788001	**OP-3**	EPA 8260	372070		
40218788002	**OP-2**	EPA 8260	372070		
40218788003	**MW-40**	EPA 8260	372070		
40218788004	**MW-2**	EPA 8260	372070		
40218788005	**MW-1R**	EPA 8260	372070		
40218788006	**IMP-1**	EPA 8260	372070		
40218788007	**IMP-2**	EPA 8260	372070		
40218788008	**IMP-5**	EPA 8260	372070		
40218788009	**IMP-4**	EPA 8260	372070		
40218788010	**DUP-3**	EPA 8260	372070		
40218788001	**OP-3**	EPA 300.0	372047		
40218788002	**OP-2**	EPA 300.0	372047		
40218788003	**MW-40**	EPA 300.0	372047		
40218788004	**MW-2**	EPA 300.0	372047		
40218788005	**MW-1R**	EPA 300.0	372047		
40218788006	**IMP-1**	EPA 300.0	372047		
40218788007	**IMP-2**	EPA 300.0	372047		
40218788008	**IMP-5**	EPA 300.0	372047		
40218788009	**IMP-4**	EPA 300.0	372047		
40218788001	**OP-3**	SM 5310C	372588		
40218788002	**OP-2**	SM 5310C	372588		
40218788003	**MW-40**	SM 5310C	372588		
40218788004	**MW-2**	SM 5310C	372588		
40218788005	**MW-1R**	SM 5310C	372588		
40218788006	**IMP-1**	SM 5310C	372588		
40218788007	**IMP-2**	SM 5310C	372588		
40218788008	**IMP-5**	SM 5310C	372588		
40218788009	**IMP-4**	SM 5310C	372588		

REPORT OF LABORATORY ANALYSIS

Pace Analytical®
www.pacelabs.com

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

COC No. 40218788

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):	Alex Amundson
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Kevin Hedinger
Mail To Company:	GZA
Mail To Address:	1797S W. Sarah Lane 100 Brookfield WI 53045
Invoice To Contact:	AP gza.com
Invoice To Company:	GZA
Invoice To Address:	SAME
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) PRESERVATION (CODE)* Y/N	Pick Letter	VOC (B)	Dissolved Fe (D)	Ethane, Ethene, Methane (B)	Sulfate, Nitrate (A)	TOC (A)	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N		N	Y	N	N	N			
					Pick Letter		B	D	B	A	A			
001	OP-3	11/19/20	0913	GW			X	X	X	X	X			
002	OP-2	11/19/20	0943	GW			X	X	X	X	X			
003	MW-40	11/19/20	1016	GW			X	X	X	X	X			
004	MW-2	11/19/20	1056	GW			X	X	X	X	X			
005	MW-12	11/19/20	1131	GW			X	X	X	X	X			
006	IMP-1	11/19/20	1211	GW			X	X	X	X	X			
007	IMP-2	11/19/20	1248	GW			X	X	X	X	X			
008	IMP-5	11/19/20	1325	GW			X	X	X	X	X			
009	IMP-4	11/19/20	1410	GW			X	X	X	X	X			
010	DUP-3	11/19/20	—	GW			X							
011	Trip	11/19/20	—	GW			X							
				GW										
				GW										

(AH)

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:
	11/19/20 1600		
CS logistics	11/20/20 1025		
			11/20/20 1025

PACE Project No. 40218788

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

C010a(27Jun2006)

Sample Preservation Receipt Form

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

Client Name: G2A

Project # 40218788

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

Lab Lot# of pH paper: 100484 Lab Std #ID of preservation (if pH adjusted):

Initial when completed: LP 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				1						1		1					6													✓		2.5 / 5 / 10
002				1						1		1					6													✓		2.5 / 5 / 10
003				1						1		1					6													✓		2.5 / 5 / 10
004				1						1		1					6													✓		2.5 / 5 / 10
005				1						1		1					6													✓		2.5 / 5 / 10
006				1						1		1					6													✓		2.5 / 5 / 10
007				1						1		1					6													✓		2.5 / 5 / 10
008				1						1		1					6													✓		2.5 / 5 / 10
009				1						1		1					6													✓		2.5 / 5 / 10
010																	3															2.5 / 5 / 10
011																																2.5 / 5 / 10
012																																2.5 / 5 / 10
013																																2.5 / 5 / 10
014																																2.5 / 5 / 10
015																																2.5 / 5 / 10
016																													11/20/20			2.5 / 5 / 10
017																													LP			2.5 / 5 / 10
018																																2.5 / 5 / 10
019																																2.5 / 5 / 10
020																																2.5 / 5 / 10

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

AG1U	1 liter amber glass
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#: 40218788

40218788

Client Name: G2A

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

Tracking #: 1883 111920

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: 2.0I /Corr:

Person examining contents:
Date: 11/20/20 /Initials: MP

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

Labeled By Initials: SKW

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: -Includes date/time/ID/Analysis Matrix: W	☒ Yes ☐ No ☐ N/A	12.
Trip Blank Present: 11/20/20 MP	☒ Yes ☒ No ☐ N/A	13. (1) lab did not receive TB in shipment. per pm 11/20/20 MP
Trip Blank Custody Seals Present	☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if purchased):		

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

Person Contacted: Date/Time:

Comments/ Resolution:

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