Lauridsen, Keld B - DNR

From: Lauridsen, Keld B - DNR
Sent: Tuesday, April 18, 2023 4:42 PM
To: 'Beaulieu, Jacquelyn Marie'; Mrotek, Melissa A
Cc: Savale, Michael; Schultz, Josie M - DNR
Subject: RE: GP Broadway Mill Expansion - PFAS (BRRTS # 02-05-586429)

Jacquelyn and Melissa,

DNR has reviewed the *Groundwater Evaluation Summary Report* received on March 28, 2023, and provides the following comments:

- Based on the limited groundwater data available, it does not appear that groundwater has been significantly impacted by the metals, PAHs, VOCs, and PCBs found in soil.
- Based on the available soil sampling results, it appears that buildings 99 and 125, at a minimum, may be at risk for vapor intrusion based on the screening guidelines in DNR guidance document RR-800, *Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin*. Please provide additional information on building use and occupancy, any air exchange and any utility lines leading to the buildings from the areas of know VOC contamination.
- Residual metal, PAH and PCB contamination in soil will likely be delineated as property-wide or within portions of the property having contaminated historic soil fill present. It may be possible to delineate areas of VOCs in soil as this type of contaminant is less likely to be present property-wide. Any available soil data from other contamination cases on the property may potentially be used to better delineate residual contamination.
- Provide further explanation of the purpose and construction of the "wet well" referenced in the report.

Let me know if you would like to discuss anything in more detail.

Thanks,

-Keld

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Keld B. Lauridsen
Phone: (920) 510 8294
Keld.Lauridsen@wisconsin.gov

From: Beaulieu, Jacquelyn Marie <jacquelyn.beaulieu@gapac.com>
Sent: Tuesday, March 28, 2023 1:19 PM
To: Lauridsen, Keld B - DNR <Keld.Lauridsen@wisconsin.gov>
Cc: Savale, Michael <Michael.Savale@tetratech.com>; Mrotek, Melissa A <MELISSA.MROTEK@GAPAC.com>
Subject: RE: GP Broadway Mill Expansion - PFAS (BRRTS # 02-05-586429)

Keld

Attached is the groundwater evaluation report for the other contaminants found in the soil during the May and June 2022 soil characterization events that were above the groundwater pathway RCLs that were part of the Georgia-Pacific Broadway LLC PFAS Site Investigation (BRRTS # 02-05-586429).

Samples for this evaluation were taken January 19, 2023 and the results are summarized in this report. This report also provides an evaluation of potential VOC vapor intrusion (VI) into occupied buildings on site and includes a summary and conclusions.

Please let me know if you want this also uploaded into BRRTs under BRRTS # 02-05-586429.

Thank you,

Jacquelyn Beaulieu (Pomerville)

Environmental Manager
Georgia-Pacific Consumer Operations LLC
Green Bay Operations
Office #: 920-438-4243
Cell #: 920-606-3228
jacquelyn.beaulieu@gapac.com

From: Mrotek, Melissa A <MELISSA.MROTEK@GAPAC.com>
Sent: Monday, January 23, 2023 7:52 AM
To: Lauridsen, Keld B - DNR <Keld.Lauridsen@wisconsin.gov>
Cc: Beaulieu, Jacquelyn Marie <jacquelyn.beaulieu@gapac.com>; Savale, Michael <Michael.Savale@tetratech.com>; Nobile, Trevor W - DNR <Trevor.Nobile@wisconsin.gov>
Subject: RE: GP Broadway Mill Expansion - PFAS (BRRTS # 02-05-586429)

Keld – Please see our responses to your comments below in red.

Thanks,
Melissa

From: Lauridsen, Keld B - DNR <Keld.Lauridsen@wisconsin.gov>
Sent: Tuesday, November 22, 2022 10:37 AM
To: Mrotek, Melissa A <MELISSA.MROTEK@GAPAC.com>
Cc: Beaulieu, Jacquelyn Marie <jacquelyn.beaulieu@gapac.com>; Savale, Michael <Michael.Savale@tetratech.com>; Nobile, Trevor W - DNR <Trevor.Nobile@wisconsin.gov>
Subject: GP Broadway Mill Expansion - PFAS (BRRTS # 02-05-586429)

Sent by an external sender

Melissa,

DNR has completed a cursory review of the Summary Report for the recent soil and groundwater sampling at the above referenced site and the following comments are provided:

PFAS investigation:

- Groundwater analytical results should be compared to the proposed ESs/PALs (Cycle 11).
  The facility will include this comparison for future submittal of groundwater analytical results.
- The proposed additional round of groundwater sampling for PFAS is acceptable at this time.
  The facility proposes to follow previous groundwater sampling site investigation work plans for the 2023 sampling event.
- It is helpful if a delineation of groundwater contamination is provided. It is understood that degree and extent may not be fully defined at this point in time. It is acceptable to depict an incomplete delineation by a dashed line.
  The facility will provide an estimated delineation of the groundwater contamination to the extent possible after additional groundwater monitoring events occur.
- The potential for a discharge to surface water and sediment in the Fox River should be evaluated.
  The facility will take this into consideration as the investigation continues.

Other contaminants (VOCs, PAHs, metals & PCBs):

- The proposed round of groundwater sampling from select wells for any contaminant found in soil above groundwater pathway RCLs is acceptable at this time.
  The facility completed this round of groundwater sampling on January 19th.
- It is helpful if a delineation of soil contamination is provided. It is understood that degree and extent may not be fully defined at this point in time. It is acceptable to depict an incomplete delineation by a dashed line.
  The facility will provide and estimated delineation of the soil contamination to the extent possible with the submission of the groundwater sample results from the January 19th sampling event.
- Based on the VOCs found, it should be evaluated if vapor intrusion into any occupied buildings could be a concern per DNR guidance document RR-800.
  The facility will conduct this evaluation and will include the results with the submission of the groundwater sample results from the January 19th sampling event.
- It is anticipated that cap maintenance for direct contact and groundwater pathway protection will be required as part of case closure requirements at some point in the future.
  Noted.
- The potential for a discharge to surface water or sediment in the Fox River should be evaluated.
  The facility will take this into consideration as the investigation continues.

Depending on future findings, additional soil and groundwater sampling will likely be needed to fully define degree and extent of all contaminants found during this ongoing soil and groundwater investigation.

Let me know if you would like to discuss any of the above in more detail.

Thanks,

-Keld

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Keld B. Lauridsen
Phone: (920) 510 8294
Keld.Lauridsen@wisconsin.gov

From: Mrotek, Melissa A <MELISSA.MROTEK@GAPAC.com>
Sent: Friday, November 11, 2022 9:56 AM

To: Lauridsen, Keld B - DNR <Keld.Lauridsen@wisconsin.gov>
Cc: Beaulieu, Jacquelyn Marie <jacquelyn.beaulieu@gapac.com>; Savale, Michael <Michael.Savale@tetratech.com>
Subject: GP Green Bay - PFAS Site Investigation Summary Report

Keld – please see attached GP Green Bay – PFAS Site Investigation Report (BRRTS #: 02-05-586429). This has also been uploaded to the BRRTS Site. The file is rather large so hopefully it makes it through. Please advise if you will need a hard copy sent.

Thanks,

Melissa Mrotek
Senior Environmental Engineer
Georgia-Pacific LLC
Office: 920-438-2233
Cell: 920-639-1548

Georgia-Pacific
Broadway LLC

1919 S. Broadway
P.O. Box 19130
Green Bay, WI 54307-9130
(920) 435-8821
www.gp.com

March 27, 2023

VIA EMAIL
Mr. Keld Lauridsen
Hydrogeologist
Wisconsin Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54313-6727

RE: Georgia-Pacific Broadway LLC (GP)
Groundwater Evaluation Summary Report

Dear Mr. Lauridsen:

Please see attached report which assesses the groundwater for the compounds detected in soil characterization samples collected in May and June 2022 as part of the Georgia-Pacific Broadway LLC (GP) – PFAS Site Investigation (BRRTS #: 02-05-586429) as prepared by Tetra Tech Inc.

The May and June 2022 soil sample locations and the results were previously reported in the *Investigation Summary Report: August 2022 PFAS Groundwater Sampling and May-June 2022 Soil Sampling for Excavations*, dated November 9, 2022. At several locations associated with the soil characterization sampling, metals, VOCs, SVOCs and PCBs were detected above soil residual contaminate levels protective of groundwater quality. To assess the potential for soil leachability, on January 19, 2023, four monitoring wells associated with the Site PFAS Investigation were sampled and analyzed for the compounds detected in the soil characterization samples. This report summarizes the results of the site groundwater evaluation, provides an evaluation of potential VOC vapor intrusion (VI) into occupied buildings on site and includes a summary and conclusions.

If you have any questions or concerns about this groundwater evaluation summary report, please do not hesitate to contact me via email at jacquelyn.beaulieu@gapac.com or by phone at 920-438-4243.

Sincerely,

Jacquelyn Beaulieu
Environmental Manager
Georgia-Pacific Broadway LLC

cc via email: Melissa Mrotek (GP), Mike Savale (Tetra Tech)

Enclosures: Groundwater Evaluation Summary Report

Attachment 1

Georgia-Pacific Broadway Groundwater Evaluation Summary Report

TETRA TECH

March 24, 2023

Ms. Jackie Beaulieu
Environmental Program Manager
Georgia-Pacific Broadway LLC
1919 South Broadway
PO Box 19130
Green Bay, Wisconsin 54304

RE: Groundwater Evaluation Summary Report
Georgia-Pacific Broadway Facility
Green Bay, Wisconsin

Dear Ms. Beaulieu,

This report presents the results of the groundwater evaluation conducted at the Georgia-Pacific (GP) Broadway Facility in Green Bay, Wisconsin (**Figure 1**). On January 19, 2023, Tetra Tech collected samples from select monitoring wells at the GP Broadway Facility (Site) to assess groundwater for the compounds detected in soil characterization samples collected in May and June 2022.

To determine how to manage soils excavated during construction activities, Tetra Tech collected soil characterization samples from two areas associated with the Broadway Mill Expansion. In May 2022, soil samples were collected within the footprint of a planned excavation for the installation of new storm sewers, fire lines, and a wet well. In June 2022, soil samples were collected from spoils generated as part of an excavation near the sludge press area. The May and June 2022 soil sample locations are depicted in **Figure 2** and the results were reported in the *Investigation Summary Report: August 2022 PFAS Groundwater Sampling and May-June 2022 Soil Sampling for Excavations*, dated November 9, 2022. The soil samples were analyzed for the following parameters:

- Volatile organic compounds (VOCs)
- Semi-volatile organic compounds (SVOCs)
- Resource Conservation Recovery Act (RCRA) Metals
- Polychlorinated Biphenyls (PCBs)
- Per- and polyfluoroalkyl substances (PFAS)

At several locations associated with the soil characterization sampling, metals, VOCs, SVOCs, and PCBs were detected above soil residual contaminant levels protective of groundwater quality (GW RCLs) found in the *WDNR Remediation and Redevelopment Program (RR) Soil RCL Spreadsheet*. On January 19, 2023, to assess the potential for soil leachability, four monitoring wells associated with the Site PFAS investigation (MW-20-02, MW-20-03, MW-21-08, and MW-21-11) were sampled and analyzed for the compounds detected in the soil characterization samples. This report summarizes the results of the Site groundwater evaluation, provides an evaluation of potential VOC vapor intrusion (VI) into occupied buildings on Site, and includes a summary and conclusions.

TETRA TECH
1136 Oak Valley Drive, Suite 100, Ann Arbor, MI 48108
Tel 734.213.2204 Fax 734.213.5008 www.tetratech.com

GROUNDWATER SAMPLING AND ANALYTICAL METHODS

To assess groundwater for the compounds detected during the May and June 2022 soil characterization sampling, samples were collected from four Site monitoring wells (MW-20-02, MW-20-03, MW-21-08, and MW-21-11). Monitoring well construction is provided in **Table 1** and well locations are depicted in **Figure 2**.

The groundwater samples were collected from the monitoring wells using low-flow techniques. Prior to groundwater sampling, the static water level was measured at each well using a water-level interface probe accurate to 0.01 feet. Groundwater was purged using a peristaltic pump until a stabilized water level and stabilized field parameters were achieved. Field parameters including pH, specific conductance, temperature, oxidation-reduction potential (ORP), dissolved oxygen (DO), and turbidity were measured using a Horiba U-52 multi-parameter water quality meter. The instrument was calibrated according to the manufacturer's specifications prior to sampling. To avoid cross-contamination between wells, new tubing was used for each monitoring well. The water quality parameters were recorded at three-minute intervals until all parameters had stabilized for three consecutive readings and were within the following limits:

- pH (0.1 unit)
- Specific conductance (3%)
- Temperature (3%)
- DO (10% mg/L)
- ORP (10 millivolts)
- Turbidity (10%)

A stabilized drawdown of 0.3 feet or less was achieved prior to sample collection. Groundwater monitoring field data are included in **Table 2**.

Following stabilization, groundwater samples were collected directly into clean, pre-labeled, laboratory-provided containers and placed into an ice-packed cooler. Dissolved metals samples were field filtered using a disposable, high-capacity, 0.45-micron groundwater filter. Samples were delivered to Pace Analytical Laboratory (Pace) Located in Green Bay, Wisconsin for analysis of the following parameters:

- VOCs via United States Environmental Protection Agency (EPA) method 8260
- SVOCs via EPA method 8270E
- Dissolved metals via EPA methods 6010D
- Dissolved mercury via EPA method 7470
- PCBs via EPA method 8082A

The groundwater analyte list was limited to the compounds detected during the 2022 soil characterization sampling. A summary of the groundwater analyte list is provided in **Table 3**.

Review of the laboratory analytical report indicated that the method detection limits (MDLs) provided by the Pace Green Bay laboratory for some SVOCs, dissolved arsenic, and PCBs were above the Wisconsin Administrative Code (Wis. Admin. Code) chapter NR 140 groundwater quality enforcement standards. In addition, the dissolved metals sample collected from MW-20-02 had elevated MDLs due to sample aliquot dilution required for analysis. Pace indicated that lower MDLs for the SVOCs could not be provided. To achieve lower MDLs for dissolved metals, all groundwater samples were reanalyzed for arsenic via EPA method 6020B and the sample from MW-20-02 was reanalyzed for metals via EPA method 6020B. For PCBs, samples were shipped by Pace to their Minneapolis laboratory for PCB analysis via EPA 8082A with an advanced preparation procedure to achieve lower detection levels. PCBs were not reanalyzed for MW-

21-11 due to the PCB sample bottle breaking during transport to Pace Minneapolis. The laboratory analytical report, which includes analytical data from Pace Green Bay and Pace Minneapolis, is included as **Attachment 1**.

QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) SAMPLES

QA/QC samples were collected during groundwater sampling to assure contamination was not introduced to the samples from the sample collection equipment and to assess the accuracy and reliability of concentration results. QA/QC sample collection methodology is provided below:

- One equipment rinsate sample was collected during groundwater sampling activities. Reusable sampling equipment was decontaminated before and after each use. Following decontamination, laboratory-provided reagent-free water was poured over reusable equipment (water level meter) and was run through and over disposable equipment (tubing and nitrile gloves). The rinsate was collected into laboratory-supplied containers.
- One duplicate groundwater sample was collected concurrently with the normal groundwater sample at monitoring well MW-20-02.
- One lab-prepared trip blank sample accompanied the samples throughout the sampling event.

The QA/QC samples were delivered to Pace Green Bay. The laboratory analytical report which includes the results for the QA/QC samples is included as **Attachment 1**.

GROUNDWATER ANALYTICAL RESULTS

A summary of the groundwater sampling results compared to Wis. Admin. Code NR 140.10, *Table 1 - Public Health Groundwater Quality Standards* is presented in **Table 4,** and detections exceeding the laboratory MDL are posted in **Figure 2**. The laboratory analytical report for groundwater samples is provided in **Attachment 1**.

Review of the groundwater analytical results indicates the following:

- No analytes were detected above NR 140.10 enforcement standards (ESs).
- No analytes were detected above NR 140.10 preventive action limits (PALs) except for arsenic. Arsenic was detected, just above the NR 140 PAL of 1 microgram per liter (µg/L), in MW-21-08 and MW-21-11 at 2.0 µg/L and 1.9 µg/L, respectively.
- The results of a duplicate sample collected at MW-20-02 were very similar to the results for the normal sample from this well except for total xylenes. Total xylenes were detected in the normal sample at 3.1 µg/L and in the duplicate sample at 13.7 µg/L.
- No PCBs or SVOCs were detected in any of the samples. Even though the method detection limits for total PCBs and some SVOCs are greater than ESs and PALs, the uniform non-detect results indicate a lack of groundwater impacts for these constituents.
- No analytes were detected in the equipment rinsate blank collected from the groundwater sampling equipment.
- No VOCs were detected in the trip blank.

VAPOR INTRUSION (VI) ASSESSMENT

Vapor intrusion generally occurs when volatile substances present in soil or groundwater volatilize from the subsurface into the indoor air of a building. For a chemical to be considered a vapor risk, it must be

sufficiently volatile (Henry's Law constant > 10^{-5} atm-m^3/mol or vapor pressure > 1 mm Hg) and toxic (based on inhalation toxicity data). To assess the Site VI risk, the January 2023 groundwater evaluation results, the May and June 2022 soil characterization results, and the site setting were considered. The Site soil and groundwater results were compared to the residential (most conservative) EPA screening levels. Groundwater results were compared to the EPA Residential Vapor Intrusion Screening Levels (VISLs) Target Groundwater Concentrations (target cancer risk level = 1 x 10^{-5} or target hazard quotient = 1) and soil results were compared to the EPA Resident Risk-Based Regional Screening Levels (RSLs) for Soil Inhalation (target cancer risk level = 1 x 10^{-5} and target hazard quotient = 1).

Review of the January 2023 groundwater evaluation results indicates that, with the exception of three compounds (ethylbenzene, toluene, and total xylenes), no compounds considered a vapor risk were detected in the groundwater. In the duplicate sample collected from monitoring well MW-20-02 (DUP-01), ethylbenzene and toluene were detected below the laboratory reporting limit (RL) at estimated values of 0.46 µg/L and 0.45 µg/L, respectively. Total xylenes were detected above the RL in MW-20-02 and DUP-01 at 3.1 µg/L and 13.7 µg/L, respectively. These concentrations are below the EPA Residential VISLs Target Groundwater Concentrations of 34.9 µg/L, 19,200 µg/L, and 385 µg/L for ethylbenzene, toluene, and total xylenes, respectively. The January 2023 groundwater assessment data indicates no presence of chlorinated compounds that might indicate a larger impact than detected by the May and June 2022 soil sampling. Nor are the non-chlorinated detections at concentrations that are actionable or indicative of a potential VI concern.

Review of the May and June 2022 soil characterization sampling results indicates that several of the detected compounds should be evaluated for vapor risk, as specified in **Table 3**. WDNR guidance document RR-800, *Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin* indicates that soil assessments are not sufficient to determine the potential for VI. However, when considering the May and June 2022 soil results, the concentrations detected for potential VI contributors are very low, particularly for the chlorinated compounds that often drive VI risk. **Table 5** compares the May and June 2022 soil detections for the compounds consider a vapor risk to EPA RSLs for Soil Inhalation. Review of **Table 5** indicates that all soil detections were one or more orders of magnitude below the Inhalation RSLs.

WDNR guidance document RR-800 indicates that a vapor investigation is recommended if petroleum VOCs (PVOCs) are present in the vadose zone within 5 feet of an indoor structure or if chlorinated VOCs (CVOCs) are present in the vadose zone within 100 feet of an indoor structure. Review of the Site layout indicates that there are no indoor structures within 5 feet of PVOC detections. Two indoor structures are present within 100 feet of CVOC detections. Approximately 90 feet east of Building 99, Tetrachloroethene was detected in soils boring SB-21 at 0.0785 milligrams per kilogram (mg/kg). The sludge press excavation occurred approximately 20 feet northeast of Building 125. Tetrachloroethene and trichloroethene were detected below the RL in grab samples collected from the sludge press excavation spoils at maximum estimated concentrations of 0.0596 mg/kg and 0.0535 mg/kg, respectively. These concentrations are two to three orders of magnitude below the EPA Adult Inhalation Screening Levels (target hazard quotient = 1) of 97.9 mg/kg and 4.61 mg/kg for tetrachloroethene and trichloroethene, respectively.

Future developments are planned within the northeastern portion of the Site. Soil samples collected adjacent to the future developments (SB-01 through SB-13) indicated low concentrations of PVOCs and CVOCs. The PVOC and CVOC soil detections include benzene, toluene, 1,1,1-trichloroethane, and trichloroethene at maximum concentrations of 0.5 mg/kg, 1.42 mg/kg, 1.41 mg/kg, and 0.0617 mg/kg, respectively. These concentrations are two to four orders of magnitude below the EPA Adult Inhalation Screening Levels (target hazard quotient = 1) of 111 mg/kg, 22,400 mg/kg, 8,600 mg/kg, and 4.61 mg/kg for benzene, toluene, 1,1,1-trichloroethane, and trichloroethene, respectively.

SUMMARY AND CONCLUSIONS

On January 19, 2023, four Site monitoring wells (MW-20-02, MW-20-03, MW-21-08, and MW-21-11) were sampled and analyzed for the compounds detected in the May and June 2022 soil characterization samples. Review of the groundwater data indicates that no compounds were detected above NR 140 ESs. The groundwater results indicate no presence of a larger impact beyond what was detected in the soil samples and that no compounds detected in the soil are impacting groundwater quality.

Soil and groundwater data were reviewed to evaluate if VI into occupied buildings could be a concern. Review of the January 2023, groundwater data indicates that no potential VI contributors were detected above EPA VISLs. The May and June 2022 soil results indicate low-level detections of potential VI contributors, with all results well below EPA RSLs. Review of the Site setting indicates the presence of two structures within 100 feet of CVOC soil detections and future developments at the northeastern portion of the property within the vicinity of low-level PVOC and CVOC detections. When considering the historic industrial nature of the Site, the low-level concentrations detected in the Site soil are not unusual. In both soil and groundwater, detected concentrations of potential VI contributors are very low and are not likely a VI concern for existing buildings.

In an email dated November 22, 2022, the WDNR requested a graphical depiction of the extent of compounds detected during the May and June 2022, soil sampling. The May 2022 soil characterization samples were collected within a linear path along the northern and western extents of the Site. The June 2022 soil samples were collected from spoils generated as part of an isolated excavation. The graphical depiction of soil sample results was provided in the *Investigation Summary Report: August 2022 PFAS Groundwater Sampling and May-June 2022 Soil Sampling for Excavations*, dated November 9, 2022. Without additional data points inland of the existing borings, a horizontal delineation, even if estimated, would be speculative. Such additional data points are not recommended due to the low concentrations observed relative to screening levels.

Tetra Tech appreciates the opportunity to provide our services to GP. If you have any questions regarding the information herein, please contact Michael Savale at 810.923.8076 or michael.savale@tetratech.com.

Sincerely,

Michael Savale
Associate Geologist

Chris Bonniwell, Ph.D., P.G.
Midwest Principal Account Manager

Table 1 - Well Construction and Water Levels
Table 2 - Groundwater Sampling Field Data
Table 3 - Groundwater Analyte List
Table 4 - Groundwater Results Summary
Table 5 - Potential Soil VI Contributors
Figure 1 - Site Location Map
Figure 2 - Groundwater Results
Attachment 1 – Groundwater Analytical Report

TABLES

Table 1
Well Construction and Water Levels
Groundwater Evaluation Summary Report
Georgia-Pacific Broadway Facility
Green Bay, Wisconsin

Well Name	Date Installed	Northing	Easting	TOC Elevation (feet amsl)	Surface Elevation (feet amsl)	Screen Length (feet)	Screen Slot Size	Screen Interval (bgs feet)		Screen Elevation (feet amsl)		Well Casing Diameter (inches)	Well Casing Material	Stickup or Flush Mount (S/F)	Depth to Water 1/19/23 (feet below TOC)	Groundwater Elevation 1/19/23 (feet amsl)
								Top	Bottom	Top	Bottom					
MW-20-02	6/9/2020	558782.69	95670.23	586.60	586.99	5	10	14	19	572.99	567.99	2	PVC	F	5.78	580.82
MW-20-03	6/10/2020	558004.96	94999.05	581.13	581.42	5	10	2.5	7.5	578.92	573.92	2	PVC	F	3.59	577.54
MW-21-08	4/12/2021	557734.79	94529.91	584.97	585.40	5	10	3.5	8.5	581.90	576.90	2	PVC	F	6.18	578.79
MW-21-11	4/12/2021	559205.69	95936.05	586.68	587.11	5	10	8	13	579.11	574.11	2	PVC	F	7.15	579.53

Notes:
Coordinates are based on WisCRS-Brown County, NAD83(2011)
Elevations are based on NAVD88 vertical Datum
TOC = Top of Casing
amsl = Above Mean Sea Level
bgs = Below Ground Surface
PVC =Polyvinyl chloride

Table 2
Groundwater Sampling Field Data
Groundwater Evaluation Summary Report
Georgia Pacific Broadway Facility
Green Bay, Wisconsin

Well ID	Sample Date	Temp (°C)	Specific Conductance (mS/cm)	DO (mg/L)	pH (S.U.)	ORP (mV)	Turb (NTU)	Approximate Pump Rate (mL/min)
		Parameter Stabilization Criteria						
		3%	3%	10%	0.1	10 mV	10%	
MW-20-02	1/19/2023	9.59	44.1	15.30	8.53	-287	1.0	100
MW-20-03	1/19/2023	3.68	1.11	4.34	7.53	-149	1.1	100
MW-21-08	1/19/2023	7.41	0.812	13.53	8.39	63	0.0	100
MW-21-11	1/19/2023	8.17	1.47	0.15	9.93	-235	1.1	100

Notes:
Temp (°C) = Temperature in degrees Celsius
pH (S.U.) = pH represented in pH units
Specific Conductance (mS/cm) = Conductivity represented in microsiemens per centimeter
ORP (mV) = Oxidation reduction potential represented in millivolts
DO (mg/L) = Dissolved oxygen represented in milligrams per liter
Turb (NTU) = Turbidity represented in nepholometeric turbidity units
mL/min = milliliters per minute
ft amsl = feet above mean sea level
ft below TOC = feet below the top of well casing

Table 3
Groundwater Analyte List
Groundwater Evaluation Summary Report
Georgia-Pacific Broadway Mill
Green Bay, Wisconsin

Analyte	Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil or Groundwater Source?
Metals	
Arsenic	No
Barium	No
Cadmium	No
Chromium	No
Lead	No
Mercury	Yes
Selenium	No
Silver	No
PCBs	
PCB, Total	Yes
SVOCs	
1,2-Dichlorobenzene	Yes
1,3-Dichlorobenzene	No
1,4-Dichlorobenzene	Yes
2,4-Dimethylphenol	No
2,4-Dinitrophenol	No
2,4-Dinitrotoluene	No
2,6-Dinitrotoluene	No
2-Methylnaphthalene	No
2-Methylphenol(o-Cresol)	No
3&4-Methylphenol(m&p Cresol)	No
4,6-Dinitro-2-methylphenol	No
4-Chloroaniline	No
4-Nitrophenol	No
Acenaphthene	No
Anthracene	No
Benzo(a)anthracene	Yes
Benzo(a)pyrene	No
Benzo(b)fluoranthene	No
Benzo(g,h,i)perylene	No
Benzo(k)fluoranthene	No
bis(2-Ethylhexyl)phthalate	No
Carbazole	No
Chrysene	No
Dibenz(a,h)anthracene	No
Dibenzofuran	No
Di-n-octylphthalate	No
Fluoranthene	No
Fluorene	No
Indeno(1,2,3-cd)pyrene	No
Naphthalene	Yes
Phenanthrene	No
Pyrene	No
VOCs	
1,1,1-Trichloroethane	Yes
1,1-Dichloroethane	Yes
1,2,4-Trimethylbenzene	Yes
1,3,5-Trimethylbenzene	Yes
Benzene	Yes
Chlorobenzene	Yes
Chloromethane	Yes
cis-1,2-Dichloroethene	Yes
Ethylbenzene	Yes
Isopropylbenzene (Cumene)	Yes
Methylene Chloride	Yes
Naphthalene	Yes
n-Butylbenzene	No
n-Propylbenzene	Yes
p-Isopropyltoluene	No
sec-Butylbenzene	No
Tetrachloroethene	Yes
Toluene	Yes
Trichloroethene	Yes
Xylene (m,p,o)	Yes

Table 4
Groundwater Results Summary
Groundwater Evaluation Summary Report
Georgia-Pacific Broadway Mill
Green Bay, Wisconsin

Analyte	CAS Number	NR 140 Enforcement Standard	NR 140 Preventive Action Limit	Sampling Location				
				MW-20-02	DUP-01 (MW-20-02)	MW-20-03	MW-21-08	MW-21-11
Metals								
Arsenic	7440-38-2	10	1	<14.0	<14.0	**0.37 J**	**2.0**	**1.9**
Barium	7440-39-3	2000	400	**213**	**161**	**55.0**	**62.5**	**42.0**
Cadmium	7440-43-9	5	0.5	<7.6	<26.6	<1.3	<1.3	<1.3
Chromium	7440-47-3	100	10	<51.0	<50.9	<2.5	<2.5	<2.5
Lead	7439-92-1	15	1.5	<11.8	<118	<6.4	<6.4	<6.4
Mercury	7439-97-6	2	0.2	<0.066	<0.066	<0.066	<0.066	<0.066
Selenium	7782-49-2	50	10	<15.8	<245	<12.3	<12.3	<12.3
Silver	7440-22-4	50	10	<6.4	<64.0	<3.2	<3.2	<3.2
PCBs								
PCB, Total	1336-36-3	0.03	0.003	<0.047	<0.047	<0.047	<0.047	<0.10
SVOCs								
1,3-Dichlorobenzene	541−73−1	600	120	<1.9	<1.9	<2.0	<2.0	<2.0
1,4-Dichlorobenzene	106−46−7	75	15	<1.6	<1.6	<1.6	<1.6	<1.6
2,4-Dimethylphenol	105-67-9	NA	NA	<0.38	<0.38	<0.39	<0.39	<0.39
2,4-Dinitrophenol	51-28-5	NA	NA	<2.3	<2.3	<2.4	<2.4	<2.4
2,4-Dinitrotoluene	121-14-2	0.05	0.005	<1.1	<1.0	<1.1	<1.1	<1.1
2,6-Dinitrotoluene	606-20-2	0.05	0.005	<0.75	<0.74	<0.77	<0.77	<0.77
2-Methylnaphthalene	91-57-6	NA	NA	<1.3	<1.3	<1.4	<1.4	<1.4
2-Methylphenol (o-Cresol)	95-48-7	NA	NA	<0.68	<0.68	<0.70	<0.70	<0.70
3&4-Methylphenol (m&p Cresol)	--	NA	NA	<0.52	<0.52	<0.54	<0.54	<0.54
4,6-Dinitro-2-methylphenol	534-52-1	NA	NA	<1.1	<1.1	<1.1	<1.1	<1.1
4-Chloroaniline	106-47-8	NA	NA	<0.79	<0.78	<0.81	<0.81	<0.81
4-Nitrophenol	100-02-7	NA	NA	<1.8	<1.8	<1.8	<1.8	<1.8
Acenaphthene	83-32-9	NA	NA	<0.63	<0.63	<0.66	<0.66	<0.65
Anthracene	120-12-7	3000	600	<0.66	<0.66	<0.69	<0.69	<0.68
Benzo(a)anthracene	56-55-3	NA	NA	<0.47	<0.47	<0.48	<0.48	<0.48
Benzo(a)pyrene	50-32-8	0.2	0.02	<1.2	<1.1	<1.2	<1.2	<1.2
Benzo(b)fluoranthene	205-99-2	0.2	0.02	<1.3	<1.3	<1.3	<1.3	<1.3
Benzo(g,h,i)perylene	191-24-2	NA	NA	<1.5	<1.5	<1.5	<1.5	<1.5
Benzo(k)fluoranthene	207-08-9	NA	NA	<1.2	<1.2	<1.3	<1.3	<1.2
bis(2-Ethylhexyl)phthalate	117-81-7	6	0.6	<0.60	<0.60	<0.62	<0.63	<0.62
Carbazole	86-74-8	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Chrysene	218-01-9	0.2	0.02	<0.63	<0.63	<0.65	<0.65	<0.65
Dibenz(a,h)anthracene	53-70-3	NA	NA	<2.0	<2.0	<2.1	<2.1	<2.1
Dibenzofuran	132-64-9	NA	NA	<0.82	<0.81	<0.85	<0.85	<0.84
Di-n-octylphthalate	117-84-0	NA	NA	<0.41	<0.41	<0.42	<0.42	<0.42
Fluoranthene	206-44-0	400	80	<0.65	<0.65	<0.67	<0.67	<0.67
Fluorene	86-73-7	400	80	<0.44	<0.44	<0.45	<0.46	<0.45
Indeno(1,2,3-cd)pyrene	193-39-5	NA	NA	<1.6	<1.6	<1.6	<1.6	<1.6
Naphthalene	91-20-3	100	10	<1.5	<1.5	<1.5	<1.5	<1.5
Phenanthrene	85-01-8	NA	NA	<0.41	<0.41	<0.42	<0.42	<0.42
Pyrene	129-00-0	250	50	<0.86	<0.86	<0.89	<0.89	<0.88
VOCs								
1,1,1-Trichloroethane	71-55-6	200	40	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethane	75-34-3	850	85	<0.30	<0.30	<0.30	<0.30	<0.30
1,2,4-Trimethylbenzene	95-63-6	480	96	<0.45	<0.45	<0.45	<0.45	<0.45
1,3,5-Trimethylbenzene	108-67-8	480	96	<0.36	<0.36	<0.36	<0.36	<0.36
Benzene	71-43-2	5	0.5	<0.30	<0.30	<0.30	<0.30	<0.30
Chlorobenzene	108-90-7	100	20	<0.86	<0.86	<0.86	<0.86	<0.86
Chloromethane	74-87-3	30	3	<1.6	<1.6	<1.6	<1.6	<1.6
cis-1,2-Dichloroethene	156−59−2	70	7	<0.47	<0.47	<0.47	<0.47	<0.47
Ethylbenzene	100-41-4	700	140	<0.33	**0.46 J**	<0.33	<0.33	<0.33
Isopropylbenzene (Cumene)	98-82-8	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	75-09-2	5	0.5	<0.32	<0.32	<0.32	<0.32	<0.32
Naphthalene	91-20-3	100	10	<1.1	<1.1	<1.1	<1.1	<1.1
n-Butylbenzene	104-51-8	NA	NA	<0.86	<0.86	<0.86	<0.86	<0.86
n-Propylbenzene	103-65-1	NA	NA	<0.35	<0.35	<0.35	<0.35	<0.35
p-Isopropyltoluene	99-87-6	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	135-98-8	NA	NA	<0.42	<0.42	<0.42	<0.42	<0.42
Tetrachloroethene	127-18-4	5	0.5	<0.41	<0.41	<0.41	<0.41	<0.41
Toluene	108-88-3	800	160	<0.29	**0.45 J**	<0.29	<0.29	<0.29
Trichloroethene	79-01-6	5	0.5	<0.32	<0.32	<0.32	<0.32	<0.32
Xylene (m,p,o)	1330−20−7	2000	400	**3.1**	**13.7**	<1.0	<1.0	<1.0

Notes:
All values are presented in micrograms per kilogram.
Table reflects analytical data comparison to NR 140.10, Table 1 - Public Health Groundwater Quality Standards
Bold = value exceeds the Method Detection Limit
J - Estimated concentration at or above the Method Detection Limit and below the Reporting Limit.
CAS # = Chemical Abstract Service Registry Number

Table 5
Potential Soil VI Contributors
Groundwater Evaluation Summary Report
Georgia-Pacific Broadway Mill
Green Bay, Wisconsin

Sample ID & Date	CAS #	Parameter	Results	Residential Inhalation Screening Level TR=1E-05	Residential Inhalation Screening Level Adult THQ=1
SB-01A 05/04/22	91-20-3	Naphthalene	0.0262 J	38.3	145
SB-02A 05/04/22	71-55-6	1,1,1-Trichloroethane	0.0201 J	--	8600
	95-63-6	1,2,4-Trimethylbenzene	0.0824	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.0364 J	--	414
	179601-23-1	m&p Xylene	0.0452 J	--	570
	7439-97-6	Mercury	0.019 J	--	10.9
	91-20-3	Naphthalene	0.0656 J	38.3	145
	91-20-3	Naphthalene	0.707 J	38.3	145
	103-65-1	n-Propylbenzene	0.0315 J	--	7290
	95-47-6	o-Xylene	0.0222 J	--	672
	1336-36-3	PCB, Total	0.106	26.1	--
	108-88-3	Toluene	0.029 J	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.0674 J	--	598
SB-05B 05/04/22	56-55-3	Benzo(a)anthracene	0.084 J	743	--
	7439-97-6	Mercury	0.019 J	--	10.9
	91-20-3	Naphthalene	0.697	38.3	145
SB-06A 05/04/22	95-63-6	1,2,4-Trimethylbenzene	0.26	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.0917	--	414
	71-43-2	Benzene	0.0197 J	12.7	111
	56-55-3	Benzo(a)anthracene	0.499 J	743	--
	74-87-3	Chloromethane	0.0447 J	--	110
	100-41-4	Ethylbenzene	0.0703 J	63.6	5910
	98-82-8	Isopropylbenzene (Cumene)	0.0459 J	--	2590
	179601-23-1		0.365	--	570
	7439-97-6	Mercury	0.082	--	10.9
	91-20-3	Naphthalene	0.449	38.3	145
	91-20-3	Naphthalene	5.97	38.3	145
	103-65-1	n-Propylbenzene	0.0501 J	--	7290
	95-47-6	o-Xylene	0.291	--	672
	1336-36-3	PCB, Total	0.106	26.1	--
	108-88-3	Toluene	0.19	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.656	--	598
SB-07A 05/04/22		3&4-Methylphenol(m&p Cresol)	0.164 J		
	56-55-3	Benzo(a)anthracene	0.208 J	743	--
	7439-97-6	Mercury	0.025 J	--	10.9
	91-20-3	Naphthalene	2.6	38.3	145
SB-08A 05/04/22		3&4-Methylphenol(m&p Cresol)	0.143 J		
	56-55-3	Benzo(a)anthracene	0.129 J	743	--
	7439-97-6	Mercury	0.012 J	--	10.9
	91-20-3	Naphthalene	2.88	38.3	145
	1336-36-3	PCB, Total	0.0243 J	26.1	--
SB-08B 05/04/22	108-88-3	Toluene	0.034 J	--	22400
SB-09A 05/05/22	71-55-6	1,1,1-Trichloroethane	0.0232 J	--	8600
	95-63-6	1,2,4-Trimethylbenzene	0.387	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.084	--	414
	71-43-2	Benzene	0.17	12.7	111
	56-55-3	Benzo(a)anthracene	0.225 J	743	--
	100-41-4	Ethylbenzene	0.205	63.6	5910
	98-82-8	Isopropylbenzene (Cumene)	0.103	--	2590
	179601-23-1	m&p Xylene	0.678	--	570
	7439-97-6	Mercury	0.069	--	10.9
	91-20-3	Naphthalene	0.621	38.3	145
	91-20-3	Naphthalene	3.4	38.3	145
	103-65-1	n-Propylbenzene	0.121	--	7290
	95-47-6	o-Xylene	0.505	--	672
	108-88-3	Toluene	0.696	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	1.183	--	598

Table 5
Potential Soil VI Contributors
Groundwater Evaluation Summary Report
Georgia-Pacific Broadway Mill
Green Bay, Wisconsin

Sample ID & Date	CAS #	Parameter	Results	Residential Inhalation Screening Level TR=1E-05	Residential Inhalation Screening Level Adult THQ=1
SB-09B 05/05/22	71-55-6	1,1,1-Trichloroethane	0.583	--	8600
	75-34-3	1,1-Dichloroethane	0.24	36.6	--
	95-63-6	1,2,4-Trimethylbenzene	0.537	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.143	--	414
	71-43-2	Benzene	0.5	12.7	111
	56-55-3	Benzo(a)anthracene	1.88	743	--
	100-41-4	Ethylbenzene	0.309	63.6	5910
	98-82-8	Isopropylbenzene (Cumene)	0.178	--	2590
	7439-97-6	Mercury	0.049	--	10.9
	179601-23-1	m&p Xylene	0.9	--	570
	91-20-3	Naphthalene	1.22	38.3	145
	91-20-3	Naphthalene	4.51	38.3	145
	103-65-1	n-Propylbenzene	0.223	--	7290
	95-47-6	o-Xylene	0.816	--	672
	108-88-3	Toluene	0.914	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	1.716	--	598
SB-10A 05/05/22	95-63-6	1,2,4-Trimethylbenzene	0.0988	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.023 J	--	414
	71-43-2	Benzene	0.0556	12.7	111
	100-41-4	Ethylbenzene	0.0494 J	63.6	5910
	98-82-8	Isopropylbenzene (Cumene)	0.0286 J	--	2590
	179601-23-1	m&p Xylene	0.167	--	570
	7439-97-6	Mercury	0.11	--	10.9
	75-09-2	Methylene Chloride	0.0388 J	2220	1370
	91-20-3	Naphthalene	0.209 J	38.3	145
	91-20-3	Naphthalene	1.18	38.3	145
	103-65-1	n-Propylbenzene	0.0366 J	--	7290
	95-47-6	o-Xylene	0.135	--	672
	108-88-3	Toluene	0.209	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.302	--	598
SB-10B 05/05/22		3&4-Methylphenol(m&p Cresol)	0.356 J		
	56-55-3	Benzo(a)anthracene	0.346 J	743	--
	7439-97-6	Mercury	0.024 J	--	10.9
	91-20-3	Naphthalene	6.9	38.3	145
SB-11A 05/05/22	95-63-6	1,2,4-Trimethylbenzene	0.756	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.161	--	414
	71-43-2	Benzene	0.454	12.7	111
	56-55-3	Benzo(a)anthracene	0.124 J	743	--
	100-41-4	Ethylbenzene	0.472	63.6	5910
	98-82-8	Isopropylbenzene (Cumene)	0.309	--	2590
	179601-23-1	m&p Xylene	1.37	--	570
	7439-97-6	Mercury	0.088	--	10.9
	75-09-2	Methylene Chloride	0.0175 J	2220	1370
	91-20-3	Naphthalene	1.31	38.3	145
	91-20-3	Naphthalene	2.25	38.3	145
	103-65-1	n-Propylbenzene	0.293	--	7290
	95-47-6	o-Xylene	1.03	--	672
	108-88-3	Toluene	1.42	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	2.4	--	598

Table 5
Potential Soil VI Contributors
Groundwater Evaluation Summary Report
Georgia-Pacific Broadway Mill
Green Bay, Wisconsin

Sample ID & Date	CAS #	Parameter	Results	Residential Inhalation Screening Level TR=1E-05	Residential Inhalation Screening Level Adult THQ=1
SB-11B 05/05/22	95-63-6	1,2,4-Trimethylbenzene	0.118	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.0393 J	--	414
	71-43-2	Benzene	0.027 J	12.7	111
	56-55-3	Benzo(a)anthracene	0.155 J	743	--
	100-41-4	Ethylbenzene	0.0598 J	63.6	5910
	7439-97-6	Mercury	0.094	--	10.9
	179601-23-1	m&p Xylene	0.182	--	570
	91-20-3	Naphthalene	0.134 J	38.3	145
	91-20-3	Naphthalene	0.744 J	38.3	145
	103-65-1	n-Propylbenzene	0.027 J	--	7290
	95-47-6	o-Xylene	0.108	--	672
	108-88-3	Toluene	0.124	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.29	--	598
SB-12A 05/05/22	71-55-6	1,1,1-Trichloroethane	1.41	--	8600
	95-63-6	1,2,4-Trimethylbenzene	0.652	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.145	--	414
	71-43-2	Benzene	0.171	12.7	111
	56-55-3	Benzo(a)anthracene	0.341 J	743	--
	100-41-4	Ethylbenzene	0.318	63.6	5910
	98-82-8	Isopropylbenzene (Cumene)	0.115	--	2590
	179601-23-1	m&p Xylene	1.1	--	570
	7439-97-6	Mercury	0.063	--	10.9
	91-20-3	Naphthalene	1.32	38.3	145
	91-20-3	Naphthalene	3.34	38.3	145
	103-65-1	n-Propylbenzene	0.155	--	7290
	95-47-6	o-Xylene	0.737	--	672
	1336-36-3	PCB, Total	0.101	26.1	--
	108-88-3	Toluene	1.07	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	1.837	--	598
SB-12B 05/05/22	71-55-6	1,1,1-Trichloroethane	0.858	--	8600
	75-34-3	1,1-Dichloroethane	0.117	36.6	--
		3&4-Methylphenol(m&p Cresol)	0.059 J		
	56-55-3	Benzo(a)anthracene	0.0616 J	743	--
	7439-97-6	Mercury	0.036 J	--	10.9
	91-20-3	Naphthalene	0.425	38.3	145
	79-01-6	Trichloroethene	0.0617 J	10.6	4.61
SB-13A 05/05/22	95-63-6	1,2,4-Trimethylbenzene	0.638	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.151	--	414
	71-43-2	Benzene	0.153	12.7	111
	56-55-3	Benzo(a)anthracene	0.235 J	743	--
	100-41-4	Ethylbenzene	0.236	63.6	5910
	98-82-8	Isopropylbenzene (Cumene)	0.0932	--	2590
	179601-23-1	m&p Xylene	0.987	--	570
	7439-97-6	Mercury	0.11	--	10.9
	91-20-3	Naphthalene	1.35	38.3	145
	91-20-3	Naphthalene	4.02	38.3	145
	103-65-1	n-Propylbenzene	0.117	--	7290
	95-47-6	o-Xylene	0.732	--	672
	1336-36-3	PCB, Total	0.259	26.1	--
	108-88-3	Toluene	0.79	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	1.719	--	598
SB-13B 05/05/22	71-55-6	1,1,1-Trichloroethane	0.0293 J	--	8600
	75-34-3	1,1-Dichloroethane	0.0597 J	36.6	--
	56-55-3	Benzo(a)anthracene	0.125 J	743	--
	7439-97-6	Mercury	0.18	--	10.9
	108-88-3	Toluene	0.0398 J	--	22400

Table 5
Potential Soil VI Contributors
Groundwater Evaluation Summary Report
Georgia-Pacific Broadway Mill
Green Bay, Wisconsin

Sample ID & Date	CAS #	Parameter	Results	Residential Inhalation Screening Level TR=1E-05	Residential Inhalation Screening Level Adult THQ=1
SB-14A 05/05/22	95-63-6	1,2,4-Trimethylbenzene	0.0258 J	--	495
	179601-23-1	m&p Xylene	0.041 J	--	570
	7439-97-6	Mercury	0.052	--	10.9
	91-20-3	Naphthalene	0.0604 J	38.3	145
	91-20-3	Naphthalene	0.856 J	38.3	145
	95-47-6	o-Xylene	0.0258 J	--	672
	1336-36-3	PCB, Total	0.229	26.1	--
	108-88-3	Toluene	0.0325 J	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.0668 J	--	598
SB-14B 05/05/22	75-34-3	1,1-Dichloroethane	0.0344 J	36.6	--
	95-63-6	1,2,4-Trimethylbenzene	0.306	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.0422 J	--	414
	56-55-3	Benzo(a)anthracene	0.0475 J	743	--
	91-20-3	Naphthalene	0.348	38.3	145
	91-20-3	Naphthalene	0.103 J	38.3	145
	103-65-1	n-Propylbenzene	0.0394 J	--	7290
SB-15A 05/05/22	95-63-6	1,2,4-Trimethylbenzene	0.138	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.0449 J	--	414
	71-43-2	Benzene	0.0218 J	12.7	111
	56-55-3	Benzo(a)anthracene	0.417	743	--
	100-41-4	Ethylbenzene	0.0351 J	63.6	5910
	179601-23-1	m&p Xylene	0.111 J	--	570
	7439-97-6	Mercury	0.048	--	10.9
	91-20-3	Naphthalene	0.0954 J	38.3	145
	91-20-3	Naphthalene	2.94	38.3	145
	103-65-1	n-Propylbenzene	0.0266 J	--	7290
	95-47-6	o-Xylene	0.0876	--	672
	1336-36-3	PCB, Total	0.0395 J	26.1	--
	108-88-3	Toluene	0.12	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.1986 J	--	598
SB-15B 05/05/22	71-55-6	1,1,1-Trichloroethane	0.0452 J	--	8600
	75-34-3	1,1-Dichloroethane	0.0288 J	36.6	--
	95-63-6	1,2,4-Trimethylbenzene	0.0689 J	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.0227 J	--	414
	71-43-2	Benzene	0.0191 J	12.7	111
	56-55-3	Benzo(a)anthracene	0.0769 J	743	--
	100-41-4	Ethylbenzene	0.0394 J	63.6	5910
	7439-97-6	Mercury	0.056	--	10.9
	179601-23-1	m&p Xylene	0.147	--	570
	91-20-3	Naphthalene	0.202 J	38.3	145
	91-20-3	Naphthalene	0.258 J	38.3	145
	95-47-6	o-Xylene	0.0798	--	672
	108-88-3	Toluene	0.0582 J	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.2268 J	--	598

Table 5
Potential Soil VI Contributors
Groundwater Evaluation Summary Report
Georgia-Pacific Broadway Mill
Green Bay, Wisconsin

Sample ID & Date	CAS #	Parameter	Results	Residential Inhalation Screening Level TR=1E-05	Residential Inhalation Screening Level Adult THQ=1
SB-16A 05/05/22	71-55-6	1,1,1-Trichloroethane	0.022 J	--	8600
	95-63-6	1,2,4-Trimethylbenzene	0.228	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.0588 J	--	414
	71-43-2	Benzene	0.0688	12.7	111
	56-55-3	Benzo(a)anthracene	0.354 J	743	--
	100-41-4	Ethylbenzene	0.0937	63.6	5910
	98-82-8	Isopropylbenzene (Cumene)	0.0481 J	--	2590
	179601-23-1	m&p Xylene	0.354	--	570
	7439-97-6	Mercury	0.43	--	10.9
	75-09-2	Methylene Chloride	0.0399 J	2220	1370
	91-20-3	Naphthalene	0.456	38.3	145
	91-20-3	Naphthalene	1.64	38.3	145
	103-65-1	n-Propylbenzene	0.057 J	--	7290
	95-47-6	o-Xylene	0.277	--	672
	1336-36-3	PCB, Total	1.02	26.1	--
	108-88-3	Toluene	0.342	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.631	--	598
SB-16B 05/05/22		3&4-Methylphenol(m&p Cresol)	0.0958 J		
	56-55-3	Benzo(a)anthracene	0.323	743	--
	7439-97-6	Mercury	0.12	--	10.9
	91-20-3	Naphthalene	0.1 J	38.3	145
	1336-36-3	PCB, Total	1.87	26.1	--
SB-17A 05/05/22	71-55-6	1,1,1-Trichloroethane	0.0346 J	--	8600
	75-34-3	1,1-Dichloroethane	0.0418 J	36.6	--
	95-63-6	1,2,4-Trimethylbenzene	0.0248 J	--	495
	56-55-3	Benzo(a)anthracene	0.0372 J	743	--
	179601-23-1	m&p Xylene	0.0374 J	--	570
	91-20-3	Naphthalene	0.0242 J	38.3	145
	95-47-6	o-Xylene	0.0311 J	--	672
	1336-36-3	PCB, Total	0.155	26.1	--
	108-88-3	Toluene	0.0486 J	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.0685 J	--	598
SB-17B 05/05/22	7439-97-6	Mercury	0.24	--	10.9
SB-18A 05/06/22	95-63-6	1,2,4-Trimethylbenzene	0.0414 J	--	495
	71-43-2	Benzene	0.0345	12.7	111
	100-41-4	Ethylbenzene	0.0274 J	63.6	5910
	179601-23-1	m&p Xylene	0.0766 J	--	570
	7439-97-6	Mercury	1.0	--	10.9
	91-20-3	Naphthalene	0.0634 J	38.3	145
	91-20-3	Naphthalene	0.513 J	38.3	145
	103-65-1	n-Propylbenzene	0.0205 J	--	7290
	95-47-6	o-Xylene	0.0776	--	672
	1336-36-3	PCB, Total	0.0886	26.1	--
	108-88-3	Toluene	0.101	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.1542 J	--	598
SB-18B 05/06/22	95-63-6	1,2,4-Trimethylbenzene	0.0793 J	--	495
	7439-97-6	Mercury	0.24	--	10.9
	179601-23-1	m&p Xylene	0.0855 J	--	570
	75-09-2	Methylene Chloride	0.0752 J	2220	1370
	91-20-3	Naphthalene	0.112 J	38.3	145
	95-47-6	o-Xylene	0.0628 J	--	672
	108-88-3	Toluene	0.0911 J	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.1483 J	--	598
SB-18C 05/06/22	7439-97-6	Mercury	0.15 2q	--	10.9

Table 5
Potential Soil VI Contributors
Groundwater Evaluation Summary Report
Georgia-Pacific Broadway Mill
Green Bay, Wisconsin

Sample ID & Date	CAS #	Parameter	Results	Residential Inhalation Screening Level TR=1E-05	Residential Inhalation Screening Level Adult THQ=1
SB-19A 05/06/22	95-63-6	1,2,4-Trimethylbenzene	0.0618 J	--	495
	71-43-2	Benzene	0.0224 J	12.7	111
	56-55-3	Benzo(a)anthracene	0.263 J	743	--
	100-41-4	Ethylbenzene	0.0284 J	63.6	5910
	179601-23-1	m&p Xylene	0.105 J	--	570
	7439-97-6	Mercury	0.049	--	10.9
	91-20-3	Naphthalene	0.0455 J	38.3	145
	91-20-3	Naphthalene	3.2	38.3	145
	103-65-1	n-Propylbenzene	0.0162 J	--	7290
	95-47-6	o-Xylene	0.0705	--	672
	1336-36-3	PCB, Total	0.747	26.1	--
	108-88-3	Toluene	0.101	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.1755 J	--	598
SB-20A 05/06/22	95-63-6	1,2,4-Trimethylbenzene	0.0224 J	--	495
	179601-23-1	m&p Xylene	0.04 J	--	570
	75-09-2	Methylene Chloride	0.0344 J	2220	1370
	91-20-3	Naphthalene	0.0524 J	38.3	145
	91-20-3	Naphthalene	0.0877 J	38.3	145
	95-47-6	o-Xylene	0.0365 J	--	672
	127-18-4	Tetrachloroethene	0.0238 J	254	97.9
	108-88-3	Toluene	0.0379 J	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.0765 J	--	598
SB-21A 05/06/22	71-55-6	1,1,1-Trichloroethane	0.0657 J	--	8600
	75-34-3	1,1-Dichloroethane	0.124	36.6	--
	95-63-6	1,2,4-Trimethylbenzene	0.152	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.0286 J	--	414
	71-43-2	Benzene	0.032	12.7	111
	100-41-4	Ethylbenzene	0.0541 J	63.6	5910
	98-82-8	Isopropylbenzene (Cumene)	0.0405 J	--	2590
	179601-23-1	m&p Xylene	0.2	--	570
	7439-97-6	Mercury	0.08	--	10.9
	75-09-2	Methylene Chloride	0.0544 J	2220	1370
	91-20-3	Naphthalene	0.309 J	38.3	145
	103-65-1	n-Propylbenzene	0.0482 J	--	7290
	95-47-6	o-Xylene	0.166	--	672
	1336-36-3	PCB, Total	0.505	26.1	--
	127-18-4	Tetrachloroethene	0.0785	254	97.9
	108-88-3	Toluene	0.195	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.366	--	598
SB-22A 05/06/22	95-63-6	1,2,4-Trimethylbenzene	0.024 J	--	495
	179601-23-1	m&p Xylene	0.0332 J	--	570
	7439-97-6	Mercury	0.012 J	--	10.9
	75-09-2	Methylene Chloride	0.0395 J	2220	1370
	91-20-3	Naphthalene	0.0352 J	38.3	145
	95-47-6	o-Xylene	0.0244 J	--	672
	108-88-3	Toluene	0.0394 J	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.0576 J	--	598
SB-23A 05/06/22	7439-97-6	Mercury	0.011 J	--	10.9
	91-20-3	Naphthalene	0.0245 J	38.3	145
SB-24A 05/06/22	75-09-2	Methylene Chloride	0.039 J	2220	1370

Table 5
Potential Soil VI Contributors
Groundwater Evaluation Summary Report
Georgia-Pacific Broadway Mill
Green Bay, Wisconsin

Sample ID & Date	CAS #	Parameter	Results	Residential Inhalation Screening Level TR=1E-05	Residential Inhalation Screening Level Adult THQ=1
SB-25A 05/06/22	95-63-6	1,2,4-Trimethylbenzene	0.0425 J	--	495
	179601-23-1	m&p Xylene	0.031 J	--	570
	7439-97-6	Mercury	0.05	--	10.9
	75-09-2	Methylene Chloride	0.0389 J	2220	1370
	91-20-3	Naphthalene	0.086 J	38.3	145
	103-65-1	n-Propylbenzene	0.0175 J	--	7290
	95-47-6	o-Xylene	0.0262 J	--	672
	1336-36-3	PCB, Total	0.181	26.1	--
	108-88-3	Toluene	0.0307 J	--	22400
	1330-20-7	Xylenes (m-, o-, p- combined)	0.0572 J	--	598
SB-26A 05/06/22	56-55-3	Benzo(a)anthracene	0.0429 J	743	--
	7439-97-6	Mercury	0.027 J	--	10.9
	75-09-2	Methylene Chloride	0.0471 J	2220	1370
	91-20-3	Naphthalene	0.162 J	38.3	145
	1336-36-3	PCB, Total	0.165	26.1	--
	108-88-3	Toluene	0.0178 J	--	22400
SB-27A 05/06/22	7439-97-6	Mercury	0.021 J	--	10.9
	75-09-2	Methylene Chloride	0.0457 J	2220	1370
SP-1 06/10/22	56-55-3	Benzo(a)anthracene	6.75	743	--
	7439-97-6	Mercury	0.060	--	10.9
	91-20-3	Naphthalene	0.0375 J	38.3	145
	1336-36-3	PCB, Total	0.719	26.1	--
	108-88-3	Toluene	0.0309 J	--	22400
SP-2 06/10/22	71-55-6	1,1,1-Trichloroethane	0.0688 J	--	8600
	75-34-3	1,1-Dichloroethane	0.0831	36.6	--
	56-55-3	Benzo(a)anthracene	3.72	743	--
	156-59-2	cis-1,2-Dichloroethene	0.0164 J	--	104
	100-41-4	Ethylbenzene	0.0363 J	63.6	5910
	179601-23-1	m&p Xylene	0.0755 J	--	570
	7439-97-6	Mercury	0.16	--	10.9
	91-20-3	Naphthalene	0.115 J	38.3	145
	95-47-6	o-Xylene	0.0228 J	--	672
	1336-36-3	PCB, Total	0.723	26.1	--
	108-88-3	Toluene	0.103	--	22400
SP-3 06/10/22	75-34-3	1,1-Dichloroethane	0.0222 J	36.6	--
	56-55-3	Benzo(a)anthracene	1.56	743	--
	7439-97-6	Mercury	0.096	--	10.9
	91-20-3	Naphthalene	0.057 J	38.3	145
	1336-36-3	PCB, Total	1.35	26.1	--
	108-88-3	Toluene	0.055 J	--	22400
SP-4 06/10/22	95-63-6	1,2,4-Trimethylbenzene	0.0372 J	--	495
	56-55-3	Benzo(a)anthracene	0.154 J	743	--
	179601-23-1	m&p Xylene	0.0439 J	--	570
	7439-97-6	Mercury	0.015 J	--	10.9
	91-20-3	Naphthalene	0.0682 J	38.3	145
	103-65-1	n-Propylbenzene	0.0165 J	--	7290
	95-47-6	o-Xylene	0.0298 J	--	672
	1336-36-3	PCB, Total	0.255	26.1	--
	108-88-3	Toluene	0.0507 J	--	22400
SP-5 06/10/22	75-34-3	1,1-Dichloroethane	0.0194 J	36.6	--
	56-55-3	Benzo(a)anthracene	0.299 J	743	--
	7439-97-6	Mercury	0.11	--	10.9
	1336-36-3	PCB, Total	0.702	26.1	--
	108-88-3	Toluene	0.024 J	--	22400

Table 5
Potential Soil VI Contributors
Groundwater Evaluation Summary Report
Georgia-Pacific Broadway Mill
Green Bay, Wisconsin

Sample ID & Date	CAS #	Parameter	Results	Residential Inhalation Screening Level TR=1E-05	Residential Inhalation Screening Level Adult THQ=1
SP-6 06/10/22	95-63-6	1,2,4-Trimethylbenzene	0.0255 J	--	495
	56-55-3	Benzo(a)anthracene	0.118 J	743	--
	179601-23-1	m&p Xylene	0.0341 J	--	570
	91-20-3	Naphthalene	0.0412 J	38.3	145
	95-47-6	o-Xylene	0.0271 J	--	672
	1336-36-3	PCB, Total	0.13	26.1	--
	108-88-3	Toluene	0.0308 J	--	22400
SP-7 06/10/22	95-63-6	1,2,4-Trimethylbenzene	0.0388 J	--	495
	106-46-7	1,4-Dichlorobenzene	0.0569 J	26.7	8710
	56-55-3	Benzo(a)anthracene	0.19 J	743	--
	108-90-7	Chlorobenzene	0.0155 J	--	336
	98-82-8	Isopropylbenzene (Cumene)	0.0205 J	--	2590
	179601-23-1	m&p Xylene	0.0416 J	--	570
	7439-97-6	Mercury	0.22	--	10.9
	91-20-3	Naphthalene	0.115 J	38.3	145
	95-47-6	o-Xylene	0.0293 J	--	672
	1336-36-3	PCB, Total	5.89	26.1	--
	108-88-3	Toluene	0.0339 J	--	22400
SP-8 06/10/22	71-55-6	1,1,1-Trichloroethane	0.105	--	8600
	75-34-3	1,1-Dichloroethane	0.0963	36.6	--
	95-63-6	1,2,4-Trimethylbenzene	0.0433 J	--	495
	108-67-8	1,3,5-Trimethylbenzene	0.0315 J	--	414
	56-55-3	Benzo(a)anthracene	0.605 J	743	--
	100-41-4	Ethylbenzene	0.0646 J	63.6	5910
	179601-23-1	m&p Xylene	0.102 J	--	570
	7439-97-6	Mercury	0.27	--	10.9
	91-20-3	Naphthalene	0.0461 J	38.3	145
	103-65-1	n-Propylbenzene	0.027 J	--	7290
	95-47-6	o-Xylene	0.031 J	--	672
	1336-36-3	PCB, Total	1.38	26.1	--
	127-18-4	Tetrachloroethene	0.0596 J	254	97.9
	108-88-3	Toluene	0.192	--	22400
	79-01-6	Trichloroethene	0.0535 J	10.6	4.61
SP-9 06/10/22	71-55-6	1,1,1-Trichloroethane	0.102	--	8600
	75-34-3	1,1-Dichloroethane	0.131	36.6	--
	95-63-6	1,2,4-Trimethylbenzene	0.0648 J	--	495
	95-50-1	1,2-Dichlorobenzene	0.0298 J	--	2440
	108-67-8	1,3,5-Trimethylbenzene	0.0373 J	--	414
	56-55-3	Benzo(a)anthracene	0.525 J	743	--
	156-59-2	cis-1,2-Dichloroethene	0.0169 J	--	104
	100-41-4	Ethylbenzene	0.0629 J	63.6	5910
	98-82-8	Isopropylbenzene (Cumene)	0.0231 J	--	2590
	179601-23-1	m&p Xylene	0.0722 J	--	570
	7439-97-6	Mercury	0.19	--	10.9
	91-20-3	Naphthalene	0.0661 J	38.3	145
	103-65-1	n-Propylbenzene	0.0221 J	--	7290
	95-47-6	o-Xylene	0.0276 J	--	672
	1336-36-3	PCB, Total	1.57	26.1	--
	127-18-4	Tetrachloroethene	0.057 J	254	97.9
	108-88-3	Toluene	0.198	--	22400

Table 5
Potential Soil VI Contributors
Groundwater Evaluation Summary Report
Georgia-Pacific Broadway Mill
Green Bay, Wisconsin

Sample ID & Date	CAS #	Parameter	Results	Residential Inhalation Screening Level TR=1E-05	Residential Inhalation Screening Level Adult THQ=1
SP-10 06/10/22	71-55-6	1,1,1-Trichloroethane	0.0533 J	--	8600
	75-34-3	1,1-Dichloroethane	0.115	36.6	--
	95-63-6	1,2,4-Trimethylbenzene	0.0368 J	--	495
	56-55-3	Benzo(a)anthracene	0.399 J	743	--
	100-41-4	Ethylbenzene	0.0365 J	63.6	5910
	98-82-8	Isopropylbenzene (Cumene)	0.0205 J	--	2590
	179601-23-1	m&p Xylene	0.077 J	--	570
	7439-97-6	Mercury	0.17	--	10.9
	91-20-3	Naphthalene	0.145 J	38.3	145
	103-65-1	n-Propylbenzene	0.0281 J	--	7290
	95-47-6	o-Xylene	0.023 J	--	672
	1336-36-3	PCB, Total	0.967	26.1	--
	127-18-4	Tetrachloroethene	0.0362 J	254	97.9
	108-88-3	Toluene	0.0709	--	22400
SP-11 06/10/22	71-55-6	1,1,1-Trichloroethane	0.0454 J	--	8600
	75-34-3	1,1-Dichloroethane	0.0347 J	36.6	--
	95-63-6	1,2,4-Trimethylbenzene	0.0262 J	--	495
	56-55-3	Benzo(a)anthracene	2.26	743	--
	100-41-4	Ethylbenzene	0.0514 J	63.6	5910
	179601-23-1	m&p Xylene	0.0692 J	--	570
	7439-97-6	Mercury	0.18	--	10.9
	91-20-3	Naphthalene	0.0586 J	38.3	145
	95-47-6	o-Xylene	0.0317 J	--	672
	1336-36-3	PCB, Total	1.79	26.1	--
	108-88-3	Toluene	0.121	--	22400
	7439-97-6	Mercury	0.19	--	10.9
	1336-36-3	PCB, Total	0.451	26.1	--

Notes:
Table reflects analytical data comparison to the U.S. EPA Regional Screening Levels, applying 1E-05 carcinogenic target risk and target hazard quotient of 1 for non-carcinogens.
All values are presented in milligrams per kilogram
m&p Xylene results are compared to the more restrictive RSL for m-xylene.
TR = carcinogenic target risk
THQ = target hazard quotient
Table includes soil analytical results above the laboratory Method Detection Limits.
J - Estimated concentration at or above the Method Detection Limit and below the Reporting Limit.
-- = No value on U.S. EPA RSL table.
CAS # = Chemical Abstract Service Registry Number

FIGURES

Map Source: 2013 National Geographic Society

Approximate Broadway Facility Site Boundary

N

0 2,500 5,000

Feet

TETRA TECH
www.tetratech.com
1136 OAK VALLEY DRIVE, SUITE 100
ANN ARBOR, MI 48108
PHONE: 734.665.6000

GROUNDWATER EVALUATION SUMMARY REPORT

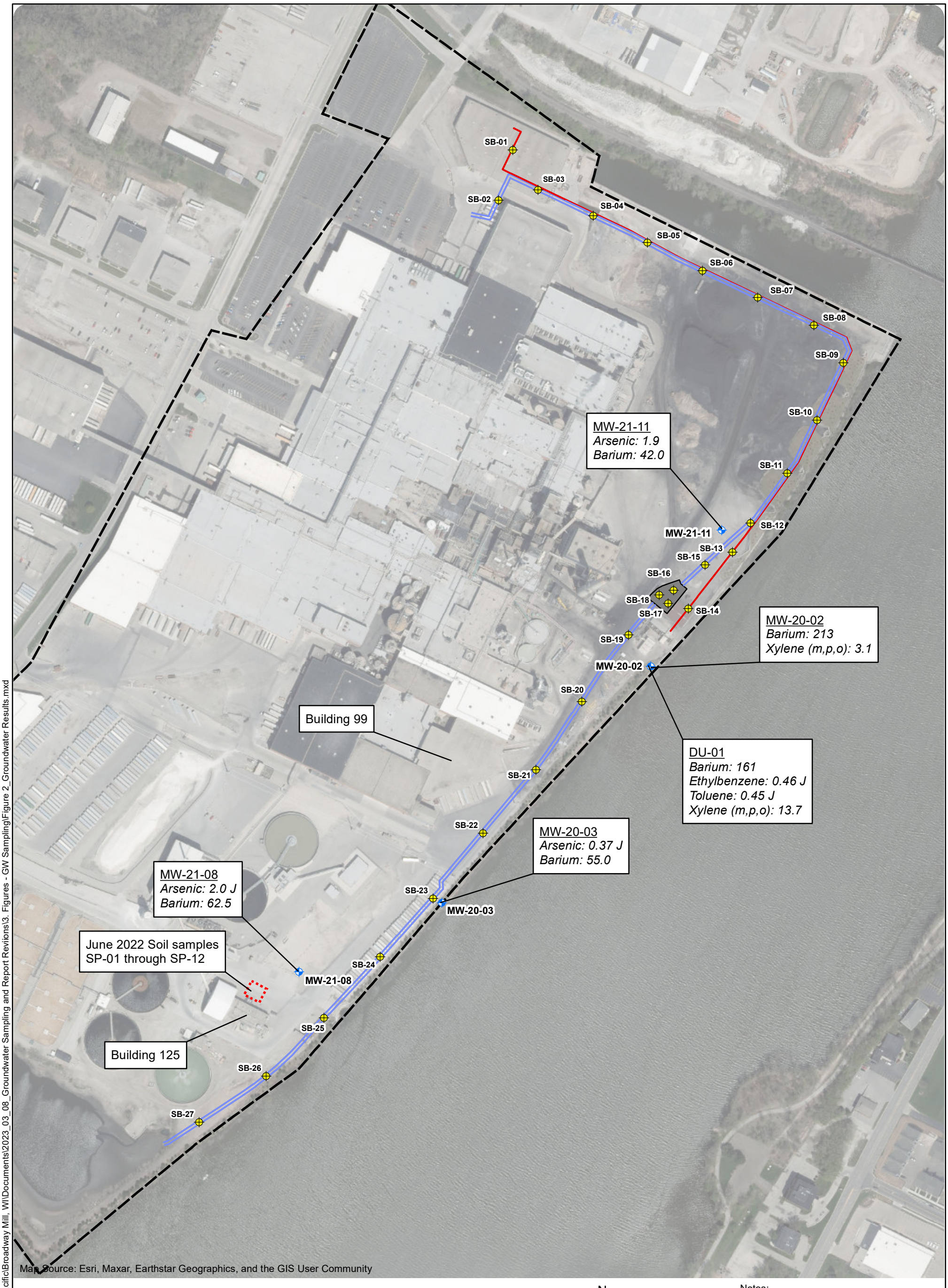
GEORGIA PACIFIC BROADWAY FACILITY
1919 SOUTH BROADWAY
GREEN BAY, BROWN COUNTY, WISCONSIN 54304

SITE LOCATION MAP

Project No:	117-4124281
Designed by:	JDW
Date:	9/29/2022

FIGURE
1

Bar Measures 1 inch



Approximate Site Boundary
Wet Well
Storm Sewer Excavation
Cinco FP Pipe
Approximate Sludge Press Excavation Area
May 2022 Soil Sample Location
PFAS Investigation Monitoring Well

N

300 150 0 300

Feet

Notes:
Figure depicts analytes detected above the Method Detection Limit.
(J) = The amount detected is greater than the Method Detection Limit, but less than the Reporting Limit.
Results are in micrograms per liter

TETRA TECH
www.tetratech.com
1136 OAK VALLEY DRIVE, SUITE 100
ANN ARBOR, MI 48108
PHONE: 734.665.6000

GROUNDWATER EVALUATION SUMMARY REPORT

GEORGIA-PACIFIC BROADWAY MILL
GREEN BAY, WISCONSIN

GROUNDWATER RESULTS

Designed by: MC
Date: 3/23/2023
FIGURE
2

ATTACHMENT 1
GROUNDWATER ANALYTICAL REPORT

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

February 15, 2023

Mike Savale
TetraTech
710 Avis Drive
Suite 100
Ann Arbor, MI 48108

RE: Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Dear Mike Savale:

Enclosed are the analytical results for sample(s) received by the laboratory on January 19, 2023. 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
- Pace Analytical Services - Minneapolis

Report revised to include additional analyses.

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

Sincerely,

Dan Milewsky for
Tod Noltemeyer
tod.noltemeyer@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: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab
A2LA Certification #: 2926.01*
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009*
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014*
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605*
Georgia Certification #: 959
GMP+ Certification #: GMP050884
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: AI-03086*
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064*
Maryland Certification #: 322
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137*
Minnesota Dept of Ag Approval: via MN 027-053-137
Minnesota Petrofund Registration #: 1240*
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081*
New Jersey Certification #: MN002
New York Certification #: 11647*
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification (A2LA) #: R-036
North Dakota Certification (MN) #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification (1700) #: CL101
Ohio VAP Certification (1800) #: CL110*
Oklahoma Certification #: 9507*
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001*
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192*
Utah Certification #: MN00064*
Vermont Certification #: VT-027053137
Virginia Certification #: 460163*
Washington Certification #: C486*
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01
USDA Permit #: P330-19-00208
*Please Note: Applicable air certifications are denoted with an asterisk (*).

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
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40257320001	**MW-21-11**	Water	01/19/23 10:05	01/19/23 17:00
40257320002	**MW-21-08**	Water	01/19/23 14:25	01/19/23 17:00
40257320003	**MW-20-03**	Water	01/19/23 16:10	01/19/23 17:00
40257320004	**MW-20-02**	Water	01/19/23 11:50	01/19/23 17:00
40257320005	**EB-01**	Water	01/19/23 12:10	01/19/23 17:00
40257320006	**DUP-01**	Water	01/19/23 00:00	01/19/23 17:00
40257320007	**TRIP BLANK**	Water	01/19/23 00:00	01/19/23 17:00

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

SAMPLE ANALYTE COUNT

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40257320001	**MW-21-11**	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	SIS	7	PASI-G
		EPA 6020B	KXS	1	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270E	RJN	37	PASI-G
		EPA 8260	EIB	26	PASI-G
40257320002	**MW-21-08**	EPA 8082A	BLM	10	PASI-G
		EPA 8082A	RAG	9	PASI-M
		EPA 6010D	SIS	7	PASI-G
		EPA 6020B	KXS	1	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270E	RJN	37	PASI-G
		EPA 8260	EIB	26	PASI-G
40257320003	**MW-20-03**	EPA 8082A	BLM	10	PASI-G
		EPA 8082A	RAG	9	PASI-M
		EPA 6010D	SIS	7	PASI-G
		EPA 6020B	KXS	1	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270E	CAH	37	PASI-G
		EPA 8260	EIB	26	PASI-G
40257320004	**MW-20-02**	EPA 8082A	BLM	10	PASI-G
		EPA 8082A	RAG	9	PASI-M
		EPA 6010D	SIS	7	PASI-G
		EPA 6020B	KXS	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270E	RJN	37	PASI-G
		EPA 8260	EIB	26	PASI-G
40257320005	**EB-01**	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	SIS	7	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8270E	RJN	37	PASI-G
		EPA 8260	EIB	26	PASI-G
40257320006	**DUP-01**	EPA 8082A	BLM	10	PASI-G
		EPA 8082A	RAG	9	PASI-M
		EPA 6010D	SIS	7	PASI-G
		EPA 6020B	KXS	1	PASI-G
		EPA 7470	AJT	1	PASI-G

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

SAMPLE ANALYTE COUNT

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E	RJN	37	PASI-G
		EPA 8260	EIB	26	PASI-G
40257320007	**TRIP BLANK**	EPA 8260	EIB	26	PASI-G

PASI-G = Pace Analytical Services - Green Bay
PASI-M = Pace Analytical Services - Minneapolis

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: MW-21-11 **Lab ID: 40257320001** Collected: 01/19/23 10:05 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 17:59	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 17:59	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 17:59	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 17:59	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 17:59	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 17:59	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 17:59	11096-82-5	
PCB, Total	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 17:59	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	72	%	17-141		1	01/25/23 10:21	01/26/23 17:59	877-09-8	
Decachlorobiphenyl (S)	50	%	10-113		1	01/25/23 10:21	01/26/23 17:59	2051-24-3	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<13.2**	ug/L	25.0	13.2	1		01/23/23 17:00	7440-38-2	
Barium, Dissolved	**42.0**	ug/L	5.0	1.5	1		01/23/23 17:00	7440-39-3	
Cadmium, Dissolved	**<1.3**	ug/L	5.0	1.3	1		01/23/23 17:00	7440-43-9	
Chromium, Dissolved	**<2.5**	ug/L	10.0	2.5	1		01/23/23 17:00	7440-47-3	
Lead, Dissolved	**<6.4**	ug/L	20.0	6.4	1		01/23/23 17:00	7439-92-1	
Selenium, Dissolved	**<12.3**	ug/L	40.0	12.3	1		01/23/23 17:00	7782-49-2	
Silver, Dissolved	**<3.2**	ug/L	10.0	3.2	1		01/23/23 17:00	7440-22-4	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**1.9**	ug/L	1.0	0.28	1	02/09/23 06:44	02/13/23 22:24	7440-38-2	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	01/25/23 10:40	01/26/23 07:39	7439-97-6	
8270E MSSV Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
1,3-Dichlorobenzene	**<2.0**	ug/L	4.5	2.0	1	01/23/23 13:04	01/24/23 11:22	541-73-1	
1,4-Dichlorobenzene	**<1.6**	ug/L	4.5	1.6	1	01/23/23 13:04	01/24/23 11:22	106-46-7	
2-Methylphenol(o-Cresol)	**<0.70**	ug/L	4.5	0.70	1	01/23/23 13:04	01/24/23 11:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.54**	ug/L	4.5	0.54	1	01/23/23 13:04	01/24/23 11:22		
2,4-Dimethylphenol	**<0.39**	ug/L	4.5	0.39	1	01/23/23 13:04	01/24/23 11:22	105-67-9	
Naphthalene	**<1.5**	ug/L	4.5	1.5	1	01/23/23 13:04	01/24/23 11:22	91-20-3	
4-Chloroaniline	**<0.81**	ug/L	4.5	0.81	1	01/23/23 13:04	01/24/23 11:22	106-47-8	2q
2-Methylnaphthalene	**<1.4**	ug/L	4.5	1.4	1	01/23/23 13:04	01/24/23 11:22	91-57-6	
2,6-Dinitrotoluene	**<0.77**	ug/L	4.5	0.77	1	01/23/23 13:04	01/24/23 11:22	606-20-2	CH
Acenaphthene	**<0.65**	ug/L	4.5	0.65	1	01/23/23 13:04	01/24/23 11:22	83-32-9	
2,4-Dinitrophenol	**<2.4**	ug/L	9.0	2.4	1	01/23/23 13:04	01/24/23 11:22	51-28-5	
4-Nitrophenol	**<1.8**	ug/L	4.5	1.8	1	01/23/23 13:04	01/24/23 11:22	100-02-7	
Dibenzofuran	**<0.84**	ug/L	4.5	0.84	1	01/23/23 13:04	01/24/23 11:22	132-64-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: MW-21-11 **Lab ID: 40257320001** Collected: 01/19/23 10:05 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
2,4-Dinitrotoluene	**<1.1**	ug/L	4.5	1.1	1	01/23/23 13:04	01/24/23 11:22	121-14-2	
Fluorene	**<0.45**	ug/L	4.5	0.45	1	01/23/23 13:04	01/24/23 11:22	86-73-7	
4,6-Dinitro-2-methylphenol	**<1.1**	ug/L	4.5	1.1	1	01/23/23 13:04	01/24/23 11:22	534-52-1	
Phenanthrene	**<0.42**	ug/L	4.5	0.42	1	01/23/23 13:04	01/24/23 11:22	85-01-8	
Anthracene	**<0.68**	ug/L	4.5	0.68	1	01/23/23 13:04	01/24/23 11:22	120-12-7	
Fluoranthene	**<0.67**	ug/L	4.5	0.67	1	01/23/23 13:04	01/24/23 11:22	206-44-0	
Pyrene	**<0.88**	ug/L	4.5	0.88	1	01/23/23 13:04	01/24/23 11:22	129-00-0	
Benzo(a)anthracene	**<0.48**	ug/L	4.5	0.48	1	01/23/23 13:04	01/24/23 11:22	56-55-3	
Chrysene	**<0.65**	ug/L	4.5	0.65	1	01/23/23 13:04	01/24/23 11:22	218-01-9	
bis(2-Ethylhexyl)phthalate	**<0.62**	ug/L	4.5	0.62	1	01/23/23 13:04	01/24/23 11:22	117-81-7	
Di-n-octylphthalate	**<0.42**	ug/L	9.0	0.42	1	01/23/23 13:04	01/24/23 11:22	117-84-0	
Benzo(b)fluoranthene	**<1.3**	ug/L	4.5	1.3	1	01/23/23 13:04	01/24/23 11:22	205-99-2	
Benzo(k)fluoranthene	**<1.2**	ug/L	4.5	1.2	1	01/23/23 13:04	01/24/23 11:22	207-08-9	
Benzo(a)pyrene	**<1.2**	ug/L	4.5	1.2	1	01/23/23 13:04	01/24/23 11:22	50-32-8	
Indeno(1,2,3-cd)pyrene	**<1.6**	ug/L	4.5	1.6	1	01/23/23 13:04	01/24/23 11:22	193-39-5	
Dibenz(a,h)anthracene	**<2.1**	ug/L	4.5	2.1	1	01/23/23 13:04	01/24/23 11:22	53-70-3	
Benzo(g,h,i)perylene	**<1.5**	ug/L	4.5	1.5	1	01/23/23 13:04	01/24/23 11:22	191-24-2	
Carbazole	**<1.0**	ug/L	4.5	1.0	1	01/23/23 13:04	01/24/23 11:22	86-74-8	
Surrogates									
Nitrobenzene-d5 (S)	84	%	10-120		1	01/23/23 13:04	01/24/23 11:22	4165-60-0	
2-Fluorobiphenyl (S)	64	%	10-101		1	01/23/23 13:04	01/24/23 11:22	321-60-8	
Terphenyl-d14 (S)	103	%	36-138		1	01/23/23 13:04	01/24/23 11:22	1718-51-0	
Phenol-d6 (S)	17	%	10-130		1	01/23/23 13:04	01/24/23 11:22	13127-88-3	
2-Fluorophenol (S)	16	%	10-89		1	01/23/23 13:04	01/24/23 11:22	367-12-4	
2,4,6-Tribromophenol (S)	31	%	10-142		1	01/23/23 13:04	01/24/23 11:22	118-79-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/23 16:19	71-55-6	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/23 16:19	75-34-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/23 16:19	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/23 16:19	108-67-8	
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/23 16:19	71-43-2	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/23 16:19	108-90-7	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/23 16:19	74-87-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/23 16:19	100-41-4	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/23 16:19	98-82-8	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/23 16:19	75-09-2	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/25/23 16:19	91-20-3	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/23 16:19	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/23 16:19	108-88-3	
Total Trimethylbenzenes	**<0.81**	ug/L	2.0	0.81	1		01/25/23 16:19		
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/23 16:19	79-01-6	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/23 16:19	1330-20-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/23 16:19	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: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: MW-21-11 **Lab ID: 40257320001** Collected: 01/19/23 10:05 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		01/25/23 16:19	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/23 16:19	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/23 16:19	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		01/25/23 16:19	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/23 16:19	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/23 16:19	135-98-8	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		01/25/23 16:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/25/23 16:19	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		01/25/23 16:19	2037-26-5	

Sample: MW-21-08 **Lab ID: 40257320002** Collected: 01/19/23 14:25 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<0.11**	ug/L	0.47	0.11	1	01/25/23 10:21	01/26/23 18:23	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.11**	ug/L	0.47	0.11	1	01/25/23 10:21	01/26/23 18:23	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.11**	ug/L	0.47	0.11	1	01/25/23 10:21	01/26/23 18:23	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.11**	ug/L	0.47	0.11	1	01/25/23 10:21	01/26/23 18:23	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.11**	ug/L	0.47	0.11	1	01/25/23 10:21	01/26/23 18:23	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.11**	ug/L	0.47	0.11	1	01/25/23 10:21	01/26/23 18:23	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.11**	ug/L	0.47	0.11	1	01/25/23 10:21	01/26/23 18:23	11096-82-5	
PCB, Total	**<0.11**	ug/L	0.47	0.11	1	01/25/23 10:21	01/26/23 18:23	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	78	%	17-141		1	01/25/23 10:21	01/26/23 18:23	877-09-8	
Decachlorobiphenyl (S)	81	%	10-113		1	01/25/23 10:21	01/26/23 18:23	2051-24-3	
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3510C Pace Analytical Services - Minneapolis								
PCB-1016 (Aroclor 1016)	**<0.038**	ug/L	0.094	0.038	1	02/10/23 13:10	02/14/23 10:25	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.038**	ug/L	0.094	0.038	1	02/10/23 13:10	02/14/23 10:25	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.041**	ug/L	0.094	0.041	1	02/10/23 13:10	02/14/23 10:25	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.040**	ug/L	0.094	0.040	1	02/10/23 13:10	02/14/23 10:25	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.046**	ug/L	0.094	0.046	1	02/10/23 13:10	02/14/23 10:25	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.038**	ug/L	0.094	0.038	1	02/10/23 13:10	02/14/23 10:25	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.047**	ug/L	0.094	0.047	1	02/10/23 13:10	02/14/23 10:25	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	63	%.	30-125		1	02/10/23 13:10	02/14/23 10:25	877-09-8	
Decachlorobiphenyl (S)	100	%.	30-125		1	02/10/23 13:10	02/14/23 10:25	2051-24-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: MW-21-08 **Lab ID: 40257320002** Collected: 01/19/23 14:25 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<13.2**	ug/L	25.0	13.2	1		01/23/23 17:06	7440-38-2	
Barium, Dissolved	**62.5**	ug/L	5.0	1.5	1		01/23/23 17:06	7440-39-3	
Cadmium, Dissolved	**<1.3**	ug/L	5.0	1.3	1		01/23/23 17:06	7440-43-9	
Chromium, Dissolved	**<2.5**	ug/L	10.0	2.5	1		01/23/23 17:06	7440-47-3	
Lead, Dissolved	**<6.4**	ug/L	20.0	6.4	1		01/23/23 17:06	7439-92-1	
Selenium, Dissolved	**<12.3**	ug/L	40.0	12.3	1		01/23/23 17:06	7782-49-2	
Silver, Dissolved	**<3.2**	ug/L	10.0	3.2	1		01/23/23 17:06	7440-22-4	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**2.0**	ug/L	1.0	0.28	1	02/09/23 06:44	02/13/23 22:54	7440-38-2	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	01/25/23 10:40	01/26/23 07:46	7439-97-6	
8270E MSSV Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
1,3-Dichlorobenzene	**<2.0**	ug/L	4.6	2.0	1	01/23/23 13:04	01/24/23 11:43	541-73-1	
1,4-Dichlorobenzene	**<1.6**	ug/L	4.6	1.6	1	01/23/23 13:04	01/24/23 11:43	106-46-7	
2-Methylphenol(o-Cresol)	**<0.70**	ug/L	4.6	0.70	1	01/23/23 13:04	01/24/23 11:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.54**	ug/L	4.6	0.54	1	01/23/23 13:04	01/24/23 11:43		
2,4-Dimethylphenol	**<0.39**	ug/L	4.6	0.39	1	01/23/23 13:04	01/24/23 11:43	105-67-9	
Naphthalene	**<1.5**	ug/L	4.6	1.5	1	01/23/23 13:04	01/24/23 11:43	91-20-3	
4-Chloroaniline	**<0.81**	ug/L	4.6	0.81	1	01/23/23 13:04	01/24/23 11:43	106-47-8	2q
2-Methylnaphthalene	**<1.4**	ug/L	4.6	1.4	1	01/23/23 13:04	01/24/23 11:43	91-57-6	
2,6-Dinitrotoluene	**<0.77**	ug/L	4.6	0.77	1	01/23/23 13:04	01/24/23 11:43	606-20-2	CH
Acenaphthene	**<0.66**	ug/L	4.6	0.66	1	01/23/23 13:04	01/24/23 11:43	83-32-9	
2,4-Dinitrophenol	**<2.4**	ug/L	9.1	2.4	1	01/23/23 13:04	01/24/23 11:43	51-28-5	
4-Nitrophenol	**<1.8**	ug/L	4.6	1.8	1	01/23/23 13:04	01/24/23 11:43	100-02-7	
Dibenzofuran	**<0.85**	ug/L	4.6	0.85	1	01/23/23 13:04	01/24/23 11:43	132-64-9	
2,4-Dinitrotoluene	**<1.1**	ug/L	4.6	1.1	1	01/23/23 13:04	01/24/23 11:43	121-14-2	
Fluorene	**<0.46**	ug/L	4.6	0.46	1	01/23/23 13:04	01/24/23 11:43	86-73-7	
4,6-Dinitro-2-methylphenol	**<1.1**	ug/L	4.6	1.1	1	01/23/23 13:04	01/24/23 11:43	534-52-1	
Phenanthrene	**<0.42**	ug/L	4.6	0.42	1	01/23/23 13:04	01/24/23 11:43	85-01-8	
Anthracene	**<0.69**	ug/L	4.6	0.69	1	01/23/23 13:04	01/24/23 11:43	120-12-7	
Fluoranthene	**<0.67**	ug/L	4.6	0.67	1	01/23/23 13:04	01/24/23 11:43	206-44-0	
Pyrene	**<0.89**	ug/L	4.6	0.89	1	01/23/23 13:04	01/24/23 11:43	129-00-0	
Benzo(a)anthracene	**<0.48**	ug/L	4.6	0.48	1	01/23/23 13:04	01/24/23 11:43	56-55-3	
Chrysene	**<0.65**	ug/L	4.6	0.65	1	01/23/23 13:04	01/24/23 11:43	218-01-9	
bis(2-Ethylhexyl)phthalate	**<0.63**	ug/L	4.6	0.63	1	01/23/23 13:04	01/24/23 11:43	117-81-7	
Di-n-octylphthalate	**<0.42**	ug/L	9.1	0.42	1	01/23/23 13:04	01/24/23 11:43	117-84-0	
Benzo(b)fluoranthene	**<1.3**	ug/L	4.6	1.3	1	01/23/23 13:04	01/24/23 11:43	205-99-2	
Benzo(k)fluoranthene	**<1.3**	ug/L	4.6	1.3	1	01/23/23 13:04	01/24/23 11:43	207-08-9	
Benzo(a)pyrene	**<1.2**	ug/L	4.6	1.2	1	01/23/23 13:04	01/24/23 11:43	50-32-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: MW-21-08 **Lab ID: 40257320002** Collected: 01/19/23 14:25 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Indeno(1,2,3-cd)pyrene	**<1.6**	ug/L	4.6	1.6	1	01/23/23 13:04	01/24/23 11:43	193-39-5	
Dibenz(a,h)anthracene	**<2.1**	ug/L	4.6	2.1	1	01/23/23 13:04	01/24/23 11:43	53-70-3	
Benzo(g,h,i)perylene	**<1.5**	ug/L	4.6	1.5	1	01/23/23 13:04	01/24/23 11:43	191-24-2	
Carbazole	**<1.0**	ug/L	4.6	1.0	1	01/23/23 13:04	01/24/23 11:43	86-74-8	
Surrogates									
Nitrobenzene-d5 (S)	84	%	10-120		1	01/23/23 13:04	01/24/23 11:43	4165-60-0	
2-Fluorobiphenyl (S)	57	%	10-101		1	01/23/23 13:04	01/24/23 11:43	321-60-8	
Terphenyl-d14 (S)	94	%	36-138		1	01/23/23 13:04	01/24/23 11:43	1718-51-0	
Phenol-d6 (S)	33	%	10-130		1	01/23/23 13:04	01/24/23 11:43	13127-88-3	
2-Fluorophenol (S)	49	%	10-89		1	01/23/23 13:04	01/24/23 11:43	367-12-4	
2,4,6-Tribromophenol (S)	91	%	10-142		1	01/23/23 13:04	01/24/23 11:43	118-79-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/23 16:38	71-55-6	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/23 16:38	75-34-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/23 16:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/23 16:38	108-67-8	
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/23 16:38	71-43-2	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/23 16:38	108-90-7	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/23 16:38	74-87-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/23 16:38	100-41-4	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/23 16:38	98-82-8	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/23 16:38	75-09-2	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/25/23 16:38	91-20-3	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/23 16:38	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/23 16:38	108-88-3	
Total Trimethylbenzenes	**<0.81**	ug/L	2.0	0.81	1		01/25/23 16:38		
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/23 16:38	79-01-6	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/23 16:38	1330-20-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/23 16:38	156-59-2	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		01/25/23 16:38	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/23 16:38	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/23 16:38	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		01/25/23 16:38	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/23 16:38	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/23 16:38	135-98-8	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		01/25/23 16:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/25/23 16:38	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		01/25/23 16:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: MW-20-03 **Lab ID: 40257320003** Collected: 01/19/23 16:10 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 18:46	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 18:46	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 18:46	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 18:46	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 18:46	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 18:46	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 18:46	11096-82-5	
PCB, Total	**<0.10**	ug/L	0.47	0.10	1	01/25/23 10:21	01/26/23 18:46	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	76	%	17-141		1	01/25/23 10:21	01/26/23 18:46	877-09-8	
Decachlorobiphenyl (S)	62	%	10-113		1	01/25/23 10:21	01/26/23 18:46	2051-24-3	
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3510C Pace Analytical Services - Minneapolis								
PCB-1016 (Aroclor 1016)	**<0.038**	ug/L	0.094	0.038	1	02/10/23 13:10	02/14/23 10:41	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.038**	ug/L	0.094	0.038	1	02/10/23 13:10	02/14/23 10:41	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.041**	ug/L	0.094	0.041	1	02/10/23 13:10	02/14/23 10:41	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.040**	ug/L	0.094	0.040	1	02/10/23 13:10	02/14/23 10:41	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.046**	ug/L	0.094	0.046	1	02/10/23 13:10	02/14/23 10:41	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.038**	ug/L	0.094	0.038	1	02/10/23 13:10	02/14/23 10:41	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.047**	ug/L	0.094	0.047	1	02/10/23 13:10	02/14/23 10:41	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	51	%.	30-125		1	02/10/23 13:10	02/14/23 10:41	877-09-8	
Decachlorobiphenyl (S)	75	%.	30-125		1	02/10/23 13:10	02/14/23 10:41	2051-24-3	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<13.2**	ug/L	25.0	13.2	1		01/23/23 17:10	7440-38-2	
Barium, Dissolved	**55.0**	ug/L	5.0	1.5	1		01/23/23 17:10	7440-39-3	
Cadmium, Dissolved	**<1.3**	ug/L	5.0	1.3	1		01/23/23 17:10	7440-43-9	
Chromium, Dissolved	**<2.5**	ug/L	10.0	2.5	1		01/23/23 17:10	7440-47-3	
Lead, Dissolved	**<6.4**	ug/L	20.0	6.4	1		01/23/23 17:10	7439-92-1	
Selenium, Dissolved	**<12.3**	ug/L	40.0	12.3	1		01/23/23 17:10	7782-49-2	
Silver, Dissolved	**<3.2**	ug/L	10.0	3.2	1		01/23/23 17:10	7440-22-4	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**0.37J**	ug/L	1.0	0.28	1	02/09/23 06:44	02/13/23 23:08	7440-38-2	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	01/25/23 10:40	01/26/23 07:48	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: MW-20-03 **Lab ID: 40257320003** Collected: 01/19/23 16:10 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
1,3-Dichlorobenzene	**<2.0**	ug/L	4.5	2.0	1	01/23/23 13:04	01/24/23 13:56	541-73-1	
1,4-Dichlorobenzene	**<1.6**	ug/L	4.5	1.6	1	01/23/23 13:04	01/24/23 13:56	106-46-7	
2-Methylphenol(o-Cresol)	**<0.70**	ug/L	4.5	0.70	1	01/23/23 13:04	01/24/23 13:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.54**	ug/L	4.5	0.54	1	01/23/23 13:04	01/24/23 13:56		
2,4-Dimethylphenol	**<0.39**	ug/L	4.5	0.39	1	01/23/23 13:04	01/24/23 13:56	105-67-9	
Naphthalene	**<1.5**	ug/L	4.5	1.5	1	01/23/23 13:04	01/24/23 13:56	91-20-3	
4-Chloroaniline	**<0.81**	ug/L	4.5	0.81	1	01/23/23 13:04	01/24/23 13:56	106-47-8	2q
2-Methylnaphthalene	**<1.4**	ug/L	4.5	1.4	1	01/23/23 13:04	01/24/23 13:56	91-57-6	
2,6-Dinitrotoluene	**<0.77**	ug/L	4.5	0.77	1	01/23/23 13:04	01/24/23 13:56	606-20-2	CH
Acenaphthene	**<0.66**	ug/L	4.5	0.66	1	01/23/23 13:04	01/24/23 13:56	83-32-9	
2,4-Dinitrophenol	**<2.4**	ug/L	9.1	2.4	1	01/23/23 13:04	01/24/23 13:56	51-28-5	
4-Nitrophenol	**<1.8**	ug/L	4.5	1.8	1	01/23/23 13:04	01/24/23 13:56	100-02-7	
Dibenzofuran	**<0.85**	ug/L	4.5	0.85	1	01/23/23 13:04	01/24/23 13:56	132-64-9	
2,4-Dinitrotoluene	**<1.1**	ug/L	4.5	1.1	1	01/23/23 13:04	01/24/23 13:56	121-14-2	
Fluorene	**<0.45**	ug/L	4.5	0.45	1	01/23/23 13:04	01/24/23 13:56	86-73-7	
4,6-Dinitro-2-methylphenol	**<1.1**	ug/L	4.5	1.1	1	01/23/23 13:04	01/24/23 13:56	534-52-1	
Phenanthrene	**<0.42**	ug/L	4.5	0.42	1	01/23/23 13:04	01/24/23 13:56	85-01-8	
Anthracene	**<0.69**	ug/L	4.5	0.69	1	01/23/23 13:04	01/24/23 13:56	120-12-7	
Fluoranthene	**<0.67**	ug/L	4.5	0.67	1	01/23/23 13:04	01/24/23 13:56	206-44-0	
Pyrene	**<0.89**	ug/L	4.5	0.89	1	01/23/23 13:04	01/24/23 13:56	129-00-0	
Benzo(a)anthracene	**<0.48**	ug/L	4.5	0.48	1	01/23/23 13:04	01/24/23 13:56	56-55-3	
Chrysene	**<0.65**	ug/L	4.5	0.65	1	01/23/23 13:04	01/24/23 13:56	218-01-9	
bis(2-Ethylhexyl)phthalate	**<0.62**	ug/L	4.5	0.62	1	01/23/23 13:04	01/24/23 13:56	117-81-7	
Di-n-octylphthalate	**<0.42**	ug/L	9.1	0.42	1	01/23/23 13:04	01/24/23 13:56	117-84-0	
Benzo(b)fluoranthene	**<1.3**	ug/L	4.5	1.3	1	01/23/23 13:04	01/24/23 13:56	205-99-2	
Benzo(k)fluoranthene	**<1.3**	ug/L	4.5	1.3	1	01/23/23 13:04	01/24/23 13:56	207-08-9	
Benzo(a)pyrene	**<1.2**	ug/L	4.5	1.2	1	01/23/23 13:04	01/24/23 13:56	50-32-8	
Indeno(1,2,3-cd)pyrene	**<1.6**	ug/L	4.5	1.6	1	01/23/23 13:04	01/24/23 13:56	193-39-5	
Dibenz(a,h)anthracene	**<2.1**	ug/L	4.5	2.1	1	01/23/23 13:04	01/24/23 13:56	53-70-3	
Benzo(g,h,i)perylene	**<1.5**	ug/L	4.5	1.5	1	01/23/23 13:04	01/24/23 13:56	191-24-2	
Carbazole	**<1.0**	ug/L	4.5	1.0	1	01/23/23 13:04	01/24/23 13:56	86-74-8	
Surrogates									
Nitrobenzene-d5 (S)	83	%	10-120		1	01/23/23 13:04	01/24/23 13:56	4165-60-0	
2-Fluorobiphenyl (S)	60	%	10-101		1	01/23/23 13:04	01/24/23 13:56	321-60-8	
Terphenyl-d14 (S)	105	%	36-138		1	01/23/23 13:04	01/24/23 13:56	1718-51-0	
Phenol-d6 (S)	26	%	10-130		1	01/23/23 13:04	01/24/23 13:56	13127-88-3	
2-Fluorophenol (S)	35	%	10-89		1	01/23/23 13:04	01/24/23 13:56	367-12-4	
2,4,6-Tribromophenol (S)	56	%	10-142		1	01/23/23 13:04	01/24/23 13:56	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/23 16:58	71-55-6	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/23 16:58	75-34-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/23 16:58	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/23 16:58	108-67-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: MW-20-03 **Lab ID: 40257320003** Collected: 01/19/23 16:10 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/23 16:58	71-43-2	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/23 16:58	108-90-7	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/23 16:58	74-87-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/23 16:58	100-41-4	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/23 16:58	98-82-8	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/23 16:58	75-09-2	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/25/23 16:58	91-20-3	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/23 16:58	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/23 16:58	108-88-3	
Total Trimethylbenzenes	**<0.81**	ug/L	2.0	0.81	1		01/25/23 16:58		
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/23 16:58	79-01-6	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/23 16:58	1330-20-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/23 16:58	156-59-2	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		01/25/23 16:58	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/23 16:58	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/23 16:58	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		01/25/23 16:58	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/23 16:58	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/23 16:58	135-98-8	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/25/23 16:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/25/23 16:58	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		01/25/23 16:58	2037-26-5	

Sample: MW-20-02 **Lab ID: 40257320004** Collected: 01/19/23 11:50 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<0.10**	ug/L	0.46	0.10	1	01/25/23 10:21	01/26/23 19:10	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.10**	ug/L	0.46	0.10	1	01/25/23 10:21	01/26/23 19:10	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.10**	ug/L	0.46	0.10	1	01/25/23 10:21	01/26/23 19:10	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.10**	ug/L	0.46	0.10	1	01/25/23 10:21	01/26/23 19:10	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.10**	ug/L	0.46	0.10	1	01/25/23 10:21	01/26/23 19:10	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.10**	ug/L	0.46	0.10	1	01/25/23 10:21	01/26/23 19:10	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.10**	ug/L	0.46	0.10	1	01/25/23 10:21	01/26/23 19:10	11096-82-5	
PCB, Total	**<0.10**	ug/L	0.46	0.10	1	01/25/23 10:21	01/26/23 19:10	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	72	%	17-141		1	01/25/23 10:21	01/26/23 19:10	877-09-8	
Decachlorobiphenyl (S)	78	%	10-113		1	01/25/23 10:21	01/26/23 19:10	2051-24-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: MW-20-02 **Lab ID: 40257320004** Collected: 01/19/23 11:50 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3510C Pace Analytical Services - Minneapolis								
PCB-1016 (Aroclor 1016)	**<0.038**	ug/L	0.094	0.038	1	02/10/23 13:10	02/14/23 10:57	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.038**	ug/L	0.094	0.038	1	02/10/23 13:10	02/14/23 10:57	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.041**	ug/L	0.094	0.041	1	02/10/23 13:10	02/14/23 10:57	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.040**	ug/L	0.094	0.040	1	02/10/23 13:10	02/14/23 10:57	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.046**	ug/L	0.094	0.046	1	02/10/23 13:10	02/14/23 10:57	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.038**	ug/L	0.094	0.038	1	02/10/23 13:10	02/14/23 10:57	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.047**	ug/L	0.094	0.047	1	02/10/23 13:10	02/14/23 10:57	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	60	%.	30-125		1	02/10/23 13:10	02/14/23 10:57	877-09-8	1q
Decachlorobiphenyl (S)	36	%.	30-125		1	02/10/23 13:10	02/14/23 10:57	2051-24-3	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<167**	ug/L	500	167	20	01/26/23 05:27	01/27/23 14:22	7440-38-2	D3
Barium, Dissolved	**161**	ug/L	100	30.0	20	01/26/23 05:27	01/27/23 14:22	7440-39-3	
Cadmium, Dissolved	**<26.6**	ug/L	100	26.6	20	01/26/23 05:27	01/27/23 14:22	7440-43-9	D3
Chromium, Dissolved	**<50.9**	ug/L	200	50.9	20	01/26/23 05:27	01/27/23 14:22	7440-47-3	D3
Lead, Dissolved	**<118**	ug/L	400	118	20	01/26/23 05:27	01/27/23 14:22	7439-92-1	D3
Selenium, Dissolved	**<245**	ug/L	800	245	20	01/26/23 05:27	01/27/23 14:22	7782-49-2	D3
Silver, Dissolved	**<64.0**	ug/L	200	64.0	20	01/26/23 05:27	01/27/23 14:22	7440-22-4	D3
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<14.0**	ug/L	50.0	14.0	50	02/09/23 06:44	02/13/23 23:38	7440-38-2	D3
Barium, Dissolved	**213**	ug/L	116	34.9	50	02/09/23 06:44	02/13/23 23:38	7440-39-3	
Cadmium, Dissolved	**<7.6**	ug/L	50.0	7.6	50	02/09/23 06:44	02/13/23 23:38	7440-43-9	D3
Chromium, Dissolved	**<51.0**	ug/L	170	51.0	50	02/09/23 06:44	02/13/23 23:38	7440-47-3	D3
Lead, Dissolved	**<11.8**	ug/L	50.0	11.8	50	02/09/23 06:44	02/13/23 23:38	7439-92-1	D3
Selenium, Dissolved	**<15.8**	ug/L	53.0	15.8	50	02/09/23 06:44	02/13/23 23:38	7782-49-2	D3
Silver, Dissolved	**<6.4**	ug/L	25.0	6.4	50	02/09/23 06:44	02/13/23 23:38	7440-22-4	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	01/25/23 10:40	01/26/23 07:50	7439-97-6	
8270E MSSV Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
1,3-Dichlorobenzene	**<1.9**	ug/L	4.4	1.9	1	01/23/23 13:04	01/24/23 14:18	541-73-1	
1,4-Dichlorobenzene	**<1.6**	ug/L	4.4	1.6	1	01/23/23 13:04	01/24/23 14:18	106-46-7	
2-Methylphenol(o-Cresol)	**<0.68**	ug/L	4.4	0.68	1	01/23/23 13:04	01/24/23 14:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.52**	ug/L	4.4	0.52	1	01/23/23 13:04	01/24/23 14:18		
2,4-Dimethylphenol	**<0.38**	ug/L	4.4	0.38	1	01/23/23 13:04	01/24/23 14:18	105-67-9	
Naphthalene	**<1.5**	ug/L	4.4	1.5	1	01/23/23 13:04	01/24/23 14:18	91-20-3	
4-Chloroaniline	**<0.79**	ug/L	4.4	0.79	1	01/23/23 13:04	01/24/23 14:18	106-47-8	2q
2-Methylnaphthalene	**<1.3**	ug/L	4.4	1.3	1	01/23/23 13:04	01/24/23 14:18	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: MW-20-02 **Lab ID: 40257320004** Collected: 01/19/23 11:50 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
2,6-Dinitrotoluene	**<0.75**	ug/L	4.4	0.75	1	01/23/23 13:04	01/24/23 14:18	606-20-2	CH
Acenaphthene	**<0.63**	ug/L	4.4	0.63	1	01/23/23 13:04	01/24/23 14:18	83-32-9	
2,4-Dinitrophenol	**<2.3**	ug/L	8.8	2.3	1	01/23/23 13:04	01/24/23 14:18	51-28-5	
4-Nitrophenol	**<1.8**	ug/L	4.4	1.8	1	01/23/23 13:04	01/24/23 14:18	100-02-7	
Dibenzofuran	**<0.82**	ug/L	4.4	0.82	1	01/23/23 13:04	01/24/23 14:18	132-64-9	
2,4-Dinitrotoluene	**<1.1**	ug/L	4.4	1.1	1	01/23/23 13:04	01/24/23 14:18	121-14-2	
Fluorene	**<0.44**	ug/L	4.4	0.44	1	01/23/23 13:04	01/24/23 14:18	86-73-7	
4,6-Dinitro-2-methylphenol	**<1.1**	ug/L	4.4	1.1	1	01/23/23 13:04	01/24/23 14:18	534-52-1	
Phenanthrene	**<0.41**	ug/L	4.4	0.41	1	01/23/23 13:04	01/24/23 14:18	85-01-8	
Anthracene	**<0.66**	ug/L	4.4	0.66	1	01/23/23 13:04	01/24/23 14:18	120-12-7	
Fluoranthene	**<0.65**	ug/L	4.4	0.65	1	01/23/23 13:04	01/24/23 14:18	206-44-0	
Pyrene	**<0.86**	ug/L	4.4	0.86	1	01/23/23 13:04	01/24/23 14:18	129-00-0	
Benzo(a)anthracene	**<0.47**	ug/L	4.4	0.47	1	01/23/23 13:04	01/24/23 14:18	56-55-3	
Chrysene	**<0.63**	ug/L	4.4	0.63	1	01/23/23 13:04	01/24/23 14:18	218-01-9	
bis(2-Ethylhexyl)phthalate	**<0.60**	ug/L	4.4	0.60	1	01/23/23 13:04	01/24/23 14:18	117-81-7	
Di-n-octylphthalate	**<0.41**	ug/L	8.8	0.41	1	01/23/23 13:04	01/24/23 14:18	117-84-0	
Benzo(b)fluoranthene	**<1.3**	ug/L	4.4	1.3	1	01/23/23 13:04	01/24/23 14:18	205-99-2	
Benzo(k)fluoranthene	**<1.2**	ug/L	4.4	1.2	1	01/23/23 13:04	01/24/23 14:18	207-08-9	
Benzo(a)pyrene	**<1.2**	ug/L	4.4	1.2	1	01/23/23 13:04	01/24/23 14:18	50-32-8	
Indeno(1,2,3-cd)pyrene	**<1.6**	ug/L	4.4	1.6	1	01/23/23 13:04	01/24/23 14:18	193-39-5	
Dibenz(a,h)anthracene	**<2.0**	ug/L	4.4	2.0	1	01/23/23 13:04	01/24/23 14:18	53-70-3	
Benzo(g,h,i)perylene	**<1.5**	ug/L	4.4	1.5	1	01/23/23 13:04	01/24/23 14:18	191-24-2	
Carbazole	**<1.0**	ug/L	4.4	1.0	1	01/23/23 13:04	01/24/23 14:18	86-74-8	
Surrogates									
Nitrobenzene-d5 (S)	63	%	10-120		1	01/23/23 13:04	01/24/23 14:18	4165-60-0	
2-Fluorobiphenyl (S)	42	%	10-101		1	01/23/23 13:04	01/24/23 14:18	321-60-8	
Terphenyl-d14 (S)	63	%	36-138		1	01/23/23 13:04	01/24/23 14:18	1718-51-0	
Phenol-d6 (S)	34	%	10-130		1	01/23/23 13:04	01/24/23 14:18	13127-88-3	
2-Fluorophenol (S)	51	%	10-89		1	01/23/23 13:04	01/24/23 14:18	367-12-4	
2,4,6-Tribromophenol (S)	65	%	10-142		1	01/23/23 13:04	01/24/23 14:18	118-79-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/23/23 16:22	71-55-6	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/23/23 16:22	75-34-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/23/23 16:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/23/23 16:22	108-67-8	
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/23/23 16:22	71-43-2	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/23/23 16:22	108-90-7	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/23/23 16:22	74-87-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/23/23 16:22	100-41-4	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/23/23 16:22	98-82-8	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/23/23 16:22	75-09-2	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/23/23 16:22	91-20-3	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/23/23 16:22	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: MW-20-02 **Lab ID: 40257320004** Collected: 01/19/23 11:50 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/23/23 16:22	108-88-3	
Total Trimethylbenzenes	**<0.81**	ug/L	2.0	0.81	1		01/23/23 16:22		
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/23/23 16:22	79-01-6	
Xylene (Total)	**3.1**	ug/L	3.0	1.0	1		01/23/23 16:22	1330-20-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/23/23 16:22	156-59-2	
m&p-Xylene	**2.7**	ug/L	2.0	0.70	1		01/23/23 16:22	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/23/23 16:22	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/23/23 16:22	103-65-1	
o-Xylene	**0.39J**	ug/L	1.0	0.35	1		01/23/23 16:22	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/23/23 16:22	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/23/23 16:22	135-98-8	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/23/23 16:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/23/23 16:22	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		01/23/23 16:22	2037-26-5	

Sample: EB-01 **Lab ID: 40257320005** Collected: 01/19/23 12:10 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<0.11**	ug/L	0.48	0.11	1	01/25/23 10:21	01/26/23 19:34	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.11**	ug/L	0.48	0.11	1	01/25/23 10:21	01/26/23 19:34	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.11**	ug/L	0.48	0.11	1	01/25/23 10:21	01/26/23 19:34	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.11**	ug/L	0.48	0.11	1	01/25/23 10:21	01/26/23 19:34	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.11**	ug/L	0.48	0.11	1	01/25/23 10:21	01/26/23 19:34	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.11**	ug/L	0.48	0.11	1	01/25/23 10:21	01/26/23 19:34	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.11**	ug/L	0.48	0.11	1	01/25/23 10:21	01/26/23 19:34	11096-82-5	
PCB, Total	**<0.11**	ug/L	0.48	0.11	1	01/25/23 10:21	01/26/23 19:34	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	77	%	17-141		1	01/25/23 10:21	01/26/23 19:34	877-09-8	
Decachlorobiphenyl (S)	60	%	10-113		1	01/25/23 10:21	01/26/23 19:34	2051-24-3	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D								
	Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<13.2**	ug/L	25.0	13.2	1		01/23/23 17:11	7440-38-2	
Barium, Dissolved	**<1.5**	ug/L	5.0	1.5	1		01/23/23 17:11	7440-39-3	
Cadmium, Dissolved	**<1.3**	ug/L	5.0	1.3	1		01/23/23 17:11	7440-43-9	
Chromium, Dissolved	**<2.5**	ug/L	10.0	2.5	1		01/23/23 17:11	7440-47-3	
Lead, Dissolved	**<6.4**	ug/L	20.0	6.4	1		01/23/23 17:11	7439-92-1	
Selenium, Dissolved	**<12.3**	ug/L	40.0	12.3	1		01/23/23 17:11	7782-49-2	
Silver, Dissolved	**<3.2**	ug/L	10.0	3.2	1		01/23/23 17:11	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: EB-01 **Lab ID: 40257320005** Collected: 01/19/23 12:10 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	01/25/23 10:40	01/26/23 07:53	7439-97-6	
8270E MSSV Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
1,3-Dichlorobenzene	**<2.1**	ug/L	4.9	2.1	1	01/23/23 13:04	01/24/23 14:40	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	4.9	1.8	1	01/23/23 13:04	01/24/23 14:40	106-46-7	
2-Methylphenol(o-Cresol)	**<0.76**	ug/L	4.9	0.76	1	01/23/23 13:04	01/24/23 14:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.59**	ug/L	4.9	0.59	1	01/23/23 13:04	01/24/23 14:40		
2,4-Dimethylphenol	**<0.42**	ug/L	4.9	0.42	1	01/23/23 13:04	01/24/23 14:40	105-67-9	
Naphthalene	**<1.6**	ug/L	4.9	1.6	1	01/23/23 13:04	01/24/23 14:40	91-20-3	
4-Chloroaniline	**<0.88**	ug/L	4.9	0.88	1	01/23/23 13:04	01/24/23 14:40	106-47-8	2q
2-Methylnaphthalene	**<1.5**	ug/L	4.9	1.5	1	01/23/23 13:04	01/24/23 14:40	91-57-6	
2,6-Dinitrotoluene	**<0.84**	ug/L	4.9	0.84	1	01/23/23 13:04	01/24/23 14:40	606-20-2	CH
Acenaphthene	**<0.71**	ug/L	4.9	0.71	1	01/23/23 13:04	01/24/23 14:40	83-32-9	
2,4-Dinitrophenol	**<2.6**	ug/L	9.9	2.6	1	01/23/23 13:04	01/24/23 14:40	51-28-5	
4-Nitrophenol	**<2.0**	ug/L	4.9	2.0	1	01/23/23 13:04	01/24/23 14:40	100-02-7	
Dibenzofuran	**<0.92**	ug/L	4.9	0.92	1	01/23/23 13:04	01/24/23 14:40	132-64-9	
2,4-Dinitrotoluene	**<1.2**	ug/L	4.9	1.2	1	01/23/23 13:04	01/24/23 14:40	121-14-2	
Fluorene	**<0.49**	ug/L	4.9	0.49	1	01/23/23 13:04	01/24/23 14:40	86-73-7	
4,6-Dinitro-2-methylphenol	**<1.2**	ug/L	4.9	1.2	1	01/23/23 13:04	01/24/23 14:40	534-52-1	
Phenanthrene	**<0.46**	ug/L	4.9	0.46	1	01/23/23 13:04	01/24/23 14:40	85-01-8	
Anthracene	**<0.74**	ug/L	4.9	0.74	1	01/23/23 13:04	01/24/23 14:40	120-12-7	
Fluoranthene	**<0.73**	ug/L	4.9	0.73	1	01/23/23 13:04	01/24/23 14:40	206-44-0	
Pyrene	**<0.96**	ug/L	4.9	0.96	1	01/23/23 13:04	01/24/23 14:40	129-00-0	
Benzo(a)anthracene	**<0.52**	ug/L	4.9	0.52	1	01/23/23 13:04	01/24/23 14:40	56-55-3	
Chrysene	**<0.71**	ug/L	4.9	0.71	1	01/23/23 13:04	01/24/23 14:40	218-01-9	
bis(2-Ethylhexyl)phthalate	**<0.68**	ug/L	4.9	0.68	1	01/23/23 13:04	01/24/23 14:40	117-81-7	
Di-n-octylphthalate	**<0.46**	ug/L	9.9	0.46	1	01/23/23 13:04	01/24/23 14:40	117-84-0	
Benzo(b)fluoranthene	**<1.4**	ug/L	4.9	1.4	1	01/23/23 13:04	01/24/23 14:40	205-99-2	
Benzo(k)fluoranthene	**<1.4**	ug/L	4.9	1.4	1	01/23/23 13:04	01/24/23 14:40	207-08-9	
Benzo(a)pyrene	**<1.3**	ug/L	4.9	1.3	1	01/23/23 13:04	01/24/23 14:40	50-32-8	
Indeno(1,2,3-cd)pyrene	**<1.8**	ug/L	4.9	1.8	1	01/23/23 13:04	01/24/23 14:40	193-39-5	
Dibenz(a,h)anthracene	**<2.3**	ug/L	4.9	2.3	1	01/23/23 13:04	01/24/23 14:40	53-70-3	
Benzo(g,h,i)perylene	**<1.6**	ug/L	4.9	1.6	1	01/23/23 13:04	01/24/23 14:40	191-24-2	
Carbazole	**<1.1**	ug/L	4.9	1.1	1	01/23/23 13:04	01/24/23 14:40	86-74-8	
Surrogates									
Nitrobenzene-d5 (S)	83	%	10-120		1	01/23/23 13:04	01/24/23 14:40	4165-60-0	
2-Fluorobiphenyl (S)	58	%	10-101		1	01/23/23 13:04	01/24/23 14:40	321-60-8	
Terphenyl-d14 (S)	96	%	36-138		1	01/23/23 13:04	01/24/23 14:40	1718-51-0	
Phenol-d6 (S)	33	%	10-130		1	01/23/23 13:04	01/24/23 14:40	13127-88-3	
2-Fluorophenol (S)	52	%	10-89		1	01/23/23 13:04	01/24/23 14:40	367-12-4	
2,4,6-Tribromophenol (S)	93	%	10-142		1	01/23/23 13:04	01/24/23 14:40	118-79-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: EB-01 **Lab ID: 40257320005** Collected: 01/19/23 12:10 Received: 01/19/23 17:00 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-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/23/23 16:42	71-55-6	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/23/23 16:42	75-34-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/23/23 16:42	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/23/23 16:42	108-67-8	
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/23/23 16:42	71-43-2	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/23/23 16:42	108-90-7	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/23/23 16:42	74-87-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/23/23 16:42	100-41-4	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/23/23 16:42	98-82-8	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/23/23 16:42	75-09-2	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/23/23 16:42	91-20-3	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/23/23 16:42	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/23/23 16:42	108-88-3	
Total Trimethylbenzenes	**<0.81**	ug/L	2.0	0.81	1		01/23/23 16:42		
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/23/23 16:42	79-01-6	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/23/23 16:42	1330-20-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/23/23 16:42	156-59-2	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		01/23/23 16:42	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/23/23 16:42	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/23/23 16:42	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		01/23/23 16:42	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/23/23 16:42	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/23/23 16:42	135-98-8	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		01/23/23 16:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/23/23 16:42	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		01/23/23 16:42	2037-26-5	

Sample: DUP-01 **Lab ID: 40257320006** Collected: 01/19/23 00:00 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3510								
	Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<0.10**	ug/L	0.45	0.10	1	01/25/23 10:21	01/26/23 17:35	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.10**	ug/L	0.45	0.10	1	01/25/23 10:21	01/26/23 17:35	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.10**	ug/L	0.45	0.10	1	01/25/23 10:21	01/26/23 17:35	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.10**	ug/L	0.45	0.10	1	01/25/23 10:21	01/26/23 17:35	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.10**	ug/L	0.45	0.10	1	01/25/23 10:21	01/26/23 17:35	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.10**	ug/L	0.45	0.10	1	01/25/23 10:21	01/26/23 17:35	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.10**	ug/L	0.45	0.10	1	01/25/23 10:21	01/26/23 17:35	11096-82-5	
PCB, Total	**<0.10**	ug/L	0.45	0.10	1	01/25/23 10:21	01/26/23 17:35	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	66	%	17-141		1	01/25/23 10:21	01/26/23 17:35	877-09-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: DUP-01 **Lab ID: 40257320006** Collected: 01/19/23 00:00 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Surrogates									
Decachlorobiphenyl (S)	54	%	10-113		1	01/25/23 10:21	01/26/23 17:35	2051-24-3	
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3510C Pace Analytical Services - Minneapolis								
PCB-1016 (Aroclor 1016)	**<0.038**	ug/L	0.094	0.038	1	02/10/23 13:10	02/14/23 11:13	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.038**	ug/L	0.094	0.038	1	02/10/23 13:10	02/14/23 11:13	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.041**	ug/L	0.094	0.041	1	02/10/23 13:10	02/14/23 11:13	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.040**	ug/L	0.094	0.040	1	02/10/23 13:10	02/14/23 11:13	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.046**	ug/L	0.094	0.046	1	02/10/23 13:10	02/14/23 11:13	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.038**	ug/L	0.094	0.038	1	02/10/23 13:10	02/14/23 11:13	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.047**	ug/L	0.094	0.047	1	02/10/23 13:10	02/14/23 11:13	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	66	%.	30-125		1	02/10/23 13:10	02/14/23 11:13	877-09-8	1q
Decachlorobiphenyl (S)	65	%.	30-125		1	02/10/23 13:10	02/14/23 11:13	2051-24-3	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<167**	ug/L	500	167	20	01/26/23 05:27	01/27/23 14:30	7440-38-2	D3
Barium, Dissolved	**161**	ug/L	100	30.0	20	01/26/23 05:27	01/27/23 14:30	7440-39-3	
Cadmium, Dissolved	**<26.6**	ug/L	100	26.6	20	01/26/23 05:27	01/27/23 14:30	7440-43-9	D3
Chromium, Dissolved	**<50.9**	ug/L	200	50.9	20	01/26/23 05:27	01/27/23 14:30	7440-47-3	D3
Lead, Dissolved	**<118**	ug/L	400	118	20	01/26/23 05:27	01/27/23 14:30	7439-92-1	D3
Selenium, Dissolved	**<245**	ug/L	800	245	20	01/26/23 05:27	01/27/23 14:30	7782-49-2	D3
Silver, Dissolved	**<64.0**	ug/L	200	64.0	20	01/26/23 05:27	01/27/23 14:30	7440-22-4	D3
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**<14.0**	ug/L	50.0	14.0	50	02/09/23 06:44	02/13/23 23:45	7440-38-2	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	01/25/23 10:40	01/26/23 07:55	7439-97-6	
8270E MSSV Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
1,3-Dichlorobenzene	**<1.9**	ug/L	4.4	1.9	1	01/23/23 13:04	01/24/23 15:02	541-73-1	
1,4-Dichlorobenzene	**<1.6**	ug/L	4.4	1.6	1	01/23/23 13:04	01/24/23 15:02	106-46-7	
2-Methylphenol(o-Cresol)	**<0.68**	ug/L	4.4	0.68	1	01/23/23 13:04	01/24/23 15:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<0.52**	ug/L	4.4	0.52	1	01/23/23 13:04	01/24/23 15:02		
2,4-Dimethylphenol	**<0.38**	ug/L	4.4	0.38	1	01/23/23 13:04	01/24/23 15:02	105-67-9	
Naphthalene	**<1.5**	ug/L	4.4	1.5	1	01/23/23 13:04	01/24/23 15:02	91-20-3	
4-Chloroaniline	**<0.78**	ug/L	4.4	0.78	1	01/23/23 13:04	01/24/23 15:02	106-47-8	2q
2-Methylnaphthalene	**<1.3**	ug/L	4.4	1.3	1	01/23/23 13:04	01/24/23 15:02	91-57-6	
2,6-Dinitrotoluene	**<0.74**	ug/L	4.4	0.74	1	01/23/23 13:04	01/24/23 15:02	606-20-2	CH

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: DUP-01 **Lab ID: 40257320006** Collected: 01/19/23 00:00 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.63**	ug/L	4.4	0.63	1	01/23/23 13:04	01/24/23 15:02	83-32-9	
2,4-Dinitrophenol	**<2.3**	ug/L	8.8	2.3	1	01/23/23 13:04	01/24/23 15:02	51-28-5	
4-Nitrophenol	**<1.8**	ug/L	4.4	1.8	1	01/23/23 13:04	01/24/23 15:02	100-02-7	
Dibenzofuran	**<0.81**	ug/L	4.4	0.81	1	01/23/23 13:04	01/24/23 15:02	132-64-9	
2,4-Dinitrotoluene	**<1.0**	ug/L	4.4	1.0	1	01/23/23 13:04	01/24/23 15:02	121-14-2	
Fluorene	**<0.44**	ug/L	4.4	0.44	1	01/23/23 13:04	01/24/23 15:02	86-73-7	
4,6-Dinitro-2-methylphenol	**<1.1**	ug/L	4.4	1.1	1	01/23/23 13:04	01/24/23 15:02	534-52-1	
Phenanthrene	**<0.41**	ug/L	4.4	0.41	1	01/23/23 13:04	01/24/23 15:02	85-01-8	
Anthracene	**<0.66**	ug/L	4.4	0.66	1	01/23/23 13:04	01/24/23 15:02	120-12-7	
Fluoranthene	**<0.65**	ug/L	4.4	0.65	1	01/23/23 13:04	01/24/23 15:02	206-44-0	
Pyrene	**<0.86**	ug/L	4.4	0.86	1	01/23/23 13:04	01/24/23 15:02	129-00-0	
Benzo(a)anthracene	**<0.47**	ug/L	4.4	0.47	1	01/23/23 13:04	01/24/23 15:02	56-55-3	
Chrysene	**<0.63**	ug/L	4.4	0.63	1	01/23/23 13:04	01/24/23 15:02	218-01-9	
bis(2-Ethylhexyl)phthalate	**<0.60**	ug/L	4.4	0.60	1	01/23/23 13:04	01/24/23 15:02	117-81-7	
Di-n-octylphthalate	**<0.41**	ug/L	8.8	0.41	1	01/23/23 13:04	01/24/23 15:02	117-84-0	
Benzo(b)fluoranthene	**<1.3**	ug/L	4.4	1.3	1	01/23/23 13:04	01/24/23 15:02	205-99-2	
Benzo(k)fluoranthene	**<1.2**	ug/L	4.4	1.2	1	01/23/23 13:04	01/24/23 15:02	207-08-9	
Benzo(a)pyrene	**<1.1**	ug/L	4.4	1.1	1	01/23/23 13:04	01/24/23 15:02	50-32-8	
Indeno(1,2,3-cd)pyrene	**<1.6**	ug/L	4.4	1.6	1	01/23/23 13:04	01/24/23 15:02	193-39-5	
Dibenz(a,h)anthracene	**<2.0**	ug/L	4.4	2.0	1	01/23/23 13:04	01/24/23 15:02	53-70-3	
Benzo(g,h,i)perylene	**<1.5**	ug/L	4.4	1.5	1	01/23/23 13:04	01/24/23 15:02	191-24-2	
Carbazole	**<1.0**	ug/L	4.4	1.0	1	01/23/23 13:04	01/24/23 15:02	86-74-8	
Surrogates									
Nitrobenzene-d5 (S)	50	%	10-120		1	01/23/23 13:04	01/24/23 15:02	4165-60-0	
2-Fluorobiphenyl (S)	32	%	10-101		1	01/23/23 13:04	01/24/23 15:02	321-60-8	
Terphenyl-d14 (S)	50	%	36-138		1	01/23/23 13:04	01/24/23 15:02	1718-51-0	
Phenol-d6 (S)	29	%	10-130		1	01/23/23 13:04	01/24/23 15:02	13127-88-3	
2-Fluorophenol (S)	44	%	10-89		1	01/23/23 13:04	01/24/23 15:02	367-12-4	
2,4,6-Tribromophenol (S)	50	%	10-142		1	01/23/23 13:04	01/24/23 15:02	118-79-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/23/23 17:01	71-55-6	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/23/23 17:01	75-34-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/23/23 17:01	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/23/23 17:01	108-67-8	
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/23/23 17:01	71-43-2	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/23/23 17:01	108-90-7	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/23/23 17:01	74-87-3	
Ethylbenzene	**0.46J**	ug/L	1.0	0.33	1		01/23/23 17:01	100-41-4	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/23/23 17:01	98-82-8	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/23/23 17:01	75-09-2	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/23/23 17:01	91-20-3	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/23/23 17:01	127-18-4	
Toluene	**0.45J**	ug/L	1.0	0.29	1		01/23/23 17:01	108-88-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: DUP-01 **Lab ID: 40257320006** Collected: 01/19/23 00:00 Received: 01/19/23 17:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Total Trimethylbenzenes	**<0.81**	ug/L	2.0	0.81	1		01/23/23 17:01		
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/23/23 17:01	79-01-6	
Xylene (Total)	**13.7**	ug/L	3.0	1.0	1		01/23/23 17:01	1330-20-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/23/23 17:01	156-59-2	
m&p-Xylene	**12.3**	ug/L	2.0	0.70	1		01/23/23 17:01	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/23/23 17:01	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/23/23 17:01	103-65-1	
o-Xylene	**1.4**	ug/L	1.0	0.35	1		01/23/23 17:01	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/23/23 17:01	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/23/23 17:01	135-98-8	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		01/23/23 17:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/23/23 17:01	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		01/23/23 17:01	2037-26-5	

Sample: TRIP BLANK **Lab ID: 40257320007** Collected: 01/19/23 00:00 Received: 01/19/23 17:00 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-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/23/23 12:29	71-55-6	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/23/23 12:29	75-34-3	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/23/23 12:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/23/23 12:29	108-67-8	
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/23/23 12:29	71-43-2	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/23/23 12:29	108-90-7	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/23/23 12:29	74-87-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/23/23 12:29	100-41-4	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/23/23 12:29	98-82-8	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/23/23 12:29	75-09-2	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/23/23 12:29	91-20-3	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/23/23 12:29	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/23/23 12:29	108-88-3	
Total Trimethylbenzenes	**<0.81**	ug/L	2.0	0.81	1		01/23/23 12:29		
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/23/23 12:29	79-01-6	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/23/23 12:29	1330-20-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/23/23 12:29	156-59-2	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		01/23/23 12:29	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/23/23 12:29	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/23/23 12:29	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		01/23/23 12:29	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/23/23 12:29	99-87-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Sample: TRIP BLANK **Lab ID: 40257320007** Collected: 01/19/23 00:00 Received: 01/19/23 17:00 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	**<0.42**	ug/L	1.0	0.42	1		01/23/23 12:29	135-98-8	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/23/23 12:29	460-00-4	HS
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/23/23 12:29	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		01/23/23 12:29	2037-26-5	

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

QUALITY CONTROL DATA

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

QC Batch: 436295
QC Batch Method: EPA 6010D
Analysis Method: EPA 6010D
Analysis Description: ICP Metals, Trace, Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257320001, 40257320002, 40257320003, 40257320005

METHOD BLANK: 2509074 Matrix: Water
Associated Lab Samples: 40257320001, 40257320002, 40257320003, 40257320005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<13.2	25.0	01/23/23 16:56	
Barium, Dissolved	ug/L	<1.5	5.0	01/23/23 16:56	
Cadmium, Dissolved	ug/L	<1.3	5.0	01/23/23 16:56	
Chromium, Dissolved	ug/L	<2.5	10.0	01/23/23 16:56	
Lead, Dissolved	ug/L	<6.4	20.0	01/23/23 16:56	
Selenium, Dissolved	ug/L	<12.3	40.0	01/23/23 16:56	
Silver, Dissolved	ug/L	<3.2	10.0	01/23/23 16:56	

LABORATORY CONTROL SAMPLE: 2509075

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	250	233	93	80-120	
Barium, Dissolved	ug/L	250	254	102	80-120	
Cadmium, Dissolved	ug/L	250	252	101	80-120	
Chromium, Dissolved	ug/L	250	255	102	80-120	
Lead, Dissolved	ug/L	250	255	102	80-120	
Selenium, Dissolved	ug/L	250	240	96	80-120	
Silver, Dissolved	ug/L	125	120	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2509076 2509077

Parameter	Units	40257320001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	<13.2	250	250	221	225	87	88	75-125	2	20	
Barium, Dissolved	ug/L	42.0	250	250	277	279	94	95	75-125	0	20	
Cadmium, Dissolved	ug/L	<1.3	250	250	237	238	95	95	75-125	0	20	
Chromium, Dissolved	ug/L	<2.5	250	250	230	233	92	93	75-125	1	20	
Lead, Dissolved	ug/L	<6.4	250	250	238	237	95	95	75-125	0	20	
Selenium, Dissolved	ug/L	<12.3	250	250	231	234	92	94	75-125	2	20	
Silver, Dissolved	ug/L	<3.2	125	125	105	105	84	84	75-125	0	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

QC Batch: 436463 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257320001, 40257320002, 40257320003, 40257320004, 40257320005, 40257320006

METHOD BLANK: 2509699 Matrix: Water
Associated Lab Samples: 40257320001, 40257320002, 40257320003, 40257320004, 40257320005, 40257320006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.066	0.20	01/26/23 07:34	

LABORATORY CONTROL SAMPLE: 2509700

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.1	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2509701 2509702

Parameter	Units	40257320001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	<0.066	5	5	4.6	4.9	91	98	85-115	7	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

QC Batch: 436524
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257320004, 40257320006

METHOD BLANK: 2510523 Matrix: Water
Associated Lab Samples: 40257320004, 40257320006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<8.3	25.0	01/26/23 16:04	
Barium, Dissolved	ug/L	<1.5	5.0	01/26/23 16:04	
Cadmium, Dissolved	ug/L	<1.3	5.0	01/26/23 16:04	
Chromium, Dissolved	ug/L	<2.5	10.0	01/26/23 16:04	
Lead, Dissolved	ug/L	<5.9	20.0	01/26/23 16:04	
Selenium, Dissolved	ug/L	<12.2	40.0	01/26/23 16:04	
Silver, Dissolved	ug/L	<3.2	10.0	01/26/23 16:04	

LABORATORY CONTROL SAMPLE: 2510524

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	250	239	96	80-120	
Barium, Dissolved	ug/L	250	253	101	80-120	
Cadmium, Dissolved	ug/L	250	256	102	80-120	
Chromium, Dissolved	ug/L	250	255	102	80-120	
Lead, Dissolved	ug/L	250	260	104	80-120	
Selenium, Dissolved	ug/L	250	257	103	80-120	
Silver, Dissolved	ug/L	125	127	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2510525 2510526

Parameter	Units	40257320004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	<167	250	250	329J	399J	83	111	75-125		20	
Barium, Dissolved	ug/L	161	250	250	400	399	96	95	75-125	0	20	
Cadmium, Dissolved	ug/L	<26.6	250	250	262	251	103	98	75-125	4	20	
Chromium, Dissolved	ug/L	<50.9	250	250	242	257	97	103	75-125	6	20	
Lead, Dissolved	ug/L	<118	250	250	201J	261J	80	104	75-125		20	
Selenium, Dissolved	ug/L	<245	250	250	337J	336J	95	95	75-125		20	
Silver, Dissolved	ug/L	<64.0	125	125	125J	129J	97	101	75-125		20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

QC Batch: 437458
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257320001, 40257320002, 40257320003, 40257320004, 40257320006

METHOD BLANK: 2514843 Matrix: Water
Associated Lab Samples: 40257320001, 40257320002, 40257320003, 40257320004, 40257320006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<0.28	1.0	02/13/23 22:10	
Barium, Dissolved	ug/L	<0.70	2.3	02/13/23 22:10	
Cadmium, Dissolved	ug/L	<0.15	1.0	02/13/23 22:10	
Chromium, Dissolved	ug/L	<1.0	3.4	02/13/23 22:10	
Lead, Dissolved	ug/L	<0.24	1.0	02/13/23 22:10	
Selenium, Dissolved	ug/L	<0.32	1.1	02/13/23 22:10	
Silver, Dissolved	ug/L	<0.13	0.50	02/13/23 22:10	

LABORATORY CONTROL SAMPLE: 2514844

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	250	257	103	80-120	
Barium, Dissolved	ug/L	250	256	102	80-120	
Cadmium, Dissolved	ug/L	250	266	106	80-120	
Chromium, Dissolved	ug/L	250	260	104	80-120	
Lead, Dissolved	ug/L	250	258	103	80-120	
Selenium, Dissolved	ug/L	250	257	103	80-120	
Silver, Dissolved	ug/L	125	127	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2514845 2514846

Parameter	Units	40257320001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	1.9	250	250	267	267	106	106	75-125	0	20	
Barium, Dissolved	ug/L	47.7	250	250	299	302	100	102	75-125	1	20	
Cadmium, Dissolved	ug/L	<0.15	250	250	267	264	107	105	75-125	1	20	
Chromium, Dissolved	ug/L	<1.0	250	250	259	259	104	103	75-125	0	20	
Lead, Dissolved	ug/L	<0.24	250	250	265	264	106	106	75-125	0	20	
Selenium, Dissolved	ug/L	0.44J	250	250	270	267	108	107	75-125	1	20	
Silver, Dissolved	ug/L	<0.13	125	125	122	122	97	97	75-125	0	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

QC Batch: 436259
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257320004, 40257320005, 40257320006, 40257320007

METHOD BLANK: 2508981 Matrix: Water
Associated Lab Samples: 40257320004, 40257320005, 40257320006, 40257320007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/23/23 09:15	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/23/23 09:15	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/23/23 09:15	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/23/23 09:15	
Benzene	ug/L	<0.30	1.0	01/23/23 09:15	
Chlorobenzene	ug/L	<0.86	1.0	01/23/23 09:15	
Chloromethane	ug/L	<1.6	5.0	01/23/23 09:15	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/23/23 09:15	
Ethylbenzene	ug/L	<0.33	1.0	01/23/23 09:15	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/23/23 09:15	
m&p-Xylene	ug/L	<0.70	2.0	01/23/23 09:15	
Methylene Chloride	ug/L	<0.32	5.0	01/23/23 09:15	
n-Butylbenzene	ug/L	<0.86	1.0	01/23/23 09:15	
n-Propylbenzene	ug/L	<0.35	1.0	01/23/23 09:15	
Naphthalene	ug/L	<1.1	5.0	01/23/23 09:15	
o-Xylene	ug/L	<0.35	1.0	01/23/23 09:15	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/23/23 09:15	
sec-Butylbenzene	ug/L	<0.42	1.0	01/23/23 09:15	
Tetrachloroethene	ug/L	<0.41	1.0	01/23/23 09:15	
Toluene	ug/L	<0.29	1.0	01/23/23 09:15	
Total Trimethylbenzenes	ug/L	<0.81	2.0	01/23/23 09:15	
Trichloroethene	ug/L	<0.32	1.0	01/23/23 09:15	
Xylene (Total)	ug/L	<1.0	3.0	01/23/23 09:15	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130	01/23/23 09:15	
4-Bromofluorobenzene (S)	%	96	70-130	01/23/23 09:15	
Toluene-d8 (S)	%	98	70-130	01/23/23 09:15	

LABORATORY CONTROL SAMPLE: 2508982

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	58.5	117	70-134	
1,1-Dichloroethane	ug/L	50	57.3	115	70-130	
Benzene	ug/L	50	55.4	111	70-130	
Chlorobenzene	ug/L	50	50.4	101	70-130	
Chloromethane	ug/L	50	56.0	112	51-122	
cis-1,2-Dichloroethene	ug/L	50	56.2	112	70-130	
Ethylbenzene	ug/L	50	51.7	103	80-120	
Isopropylbenzene (Cumene)	ug/L	50	50.4	101	70-130	
m&p-Xylene	ug/L	100	101	101	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: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

LABORATORY CONTROL SAMPLE: 2508982

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	ug/L	50	57.3	115	70-130	
o-Xylene	ug/L	50	51.7	103	70-130	
Tetrachloroethene	ug/L	50	47.0	94	70-130	
Toluene	ug/L	50	49.6	99	80-120	
Trichloroethene	ug/L	50	55.6	111	70-130	
Xylene (Total)	ug/L	150	152	102	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			96	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

QC Batch: 436439
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257320001, 40257320002, 40257320003

METHOD BLANK: 2509612 Matrix: Water
Associated Lab Samples: 40257320001, 40257320002, 40257320003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/25/23 10:02	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/25/23 10:02	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/25/23 10:02	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/25/23 10:02	
Benzene	ug/L	<0.30	1.0	01/25/23 10:02	
Chlorobenzene	ug/L	<0.86	1.0	01/25/23 10:02	
Chloromethane	ug/L	<1.6	5.0	01/25/23 10:02	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/25/23 10:02	
Ethylbenzene	ug/L	<0.33	1.0	01/25/23 10:02	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/25/23 10:02	
m&p-Xylene	ug/L	<0.70	2.0	01/25/23 10:02	
Methylene Chloride	ug/L	<0.32	5.0	01/25/23 10:02	
n-Butylbenzene	ug/L	<0.86	1.0	01/25/23 10:02	
n-Propylbenzene	ug/L	<0.35	1.0	01/25/23 10:02	
Naphthalene	ug/L	<1.1	5.0	01/25/23 10:02	
o-Xylene	ug/L	<0.35	1.0	01/25/23 10:02	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/25/23 10:02	
sec-Butylbenzene	ug/L	<0.42	1.0	01/25/23 10:02	
Tetrachloroethene	ug/L	<0.41	1.0	01/25/23 10:02	
Toluene	ug/L	<0.29	1.0	01/25/23 10:02	
Total Trimethylbenzenes	ug/L	<0.81	2.0	01/25/23 10:02	
Trichloroethene	ug/L	<0.32	1.0	01/25/23 10:02	
Xylene (Total)	ug/L	<1.0	3.0	01/25/23 10:02	
1,2-Dichlorobenzene-d4 (S)	%	97	70-130	01/25/23 10:02	
4-Bromofluorobenzene (S)	%	100	70-130	01/25/23 10:02	
Toluene-d8 (S)	%	98	70-130	01/25/23 10:02	

LABORATORY CONTROL SAMPLE: 2509613

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	58.4	117	70-134	
1,1-Dichloroethane	ug/L	50	58.3	117	70-130	
Benzene	ug/L	50	56.1	112	70-130	
Chlorobenzene	ug/L	50	52.6	105	70-130	
Chloromethane	ug/L	50	49.7	99	51-122	
cis-1,2-Dichloroethene	ug/L	50	56.9	114	70-130	
Ethylbenzene	ug/L	50	53.2	106	80-120	
Isopropylbenzene (Cumene)	ug/L	50	53.0	106	70-130	
m&p-Xylene	ug/L	100	104	104	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: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

LABORATORY CONTROL SAMPLE: 2509613

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	ug/L	50	58.7	117	70-130	
o-Xylene	ug/L	50	53.1	106	70-130	
Tetrachloroethene	ug/L	50	49.1	98	70-130	
Toluene	ug/L	50	50.7	101	80-120	
Trichloroethene	ug/L	50	57.7	115	70-130	
Xylene (Total)	ug/L	150	157	104	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			97	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: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

QC Batch: 436455
QC Batch Method: EPA 3510
Analysis Method: EPA 8082A
Analysis Description: 8082A GCS PCB
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257320001, 40257320002, 40257320003, 40257320004, 40257320005, 40257320006

METHOD BLANK: 2509675 Matrix: Water
Associated Lab Samples: 40257320001, 40257320002, 40257320003, 40257320004, 40257320005, 40257320006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	<0.11	0.50	01/26/23 16:00	
PCB-1221 (Aroclor 1221)	ug/L	<0.11	0.50	01/26/23 16:00	
PCB-1232 (Aroclor 1232)	ug/L	<0.11	0.50	01/26/23 16:00	
PCB-1242 (Aroclor 1242)	ug/L	<0.11	0.50	01/26/23 16:00	
PCB-1248 (Aroclor 1248)	ug/L	<0.11	0.50	01/26/23 16:00	
PCB-1254 (Aroclor 1254)	ug/L	<0.11	0.50	01/26/23 16:00	
PCB-1260 (Aroclor 1260)	ug/L	<0.11	0.50	01/26/23 16:00	
Decachlorobiphenyl (S)	%	80	10-113	01/26/23 16:00	
Tetrachloro-m-xylene (S)	%	72	17-141	01/26/23 16:00	

LABORATORY CONTROL SAMPLE & LCSD: 2509676 2509677

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L		<0.11	<0.11					20	
PCB-1221 (Aroclor 1221)	ug/L		<0.11	<0.11					20	
PCB-1232 (Aroclor 1232)	ug/L		<0.11	<0.11					20	
PCB-1242 (Aroclor 1242)	ug/L		<0.11	<0.11					20	
PCB-1248 (Aroclor 1248)	ug/L		<0.11	<0.11					20	
PCB-1254 (Aroclor 1254)	ug/L		<0.11	<0.11					20	
PCB-1260 (Aroclor 1260)	ug/L	5	4.6	4.5	91	90	67-110	2	20	
Decachlorobiphenyl (S)	%				46	45	10-113			
Tetrachloro-m-xylene (S)	%				72	70	17-141			

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: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

QC Batch: 866952
QC Batch Method: EPA 3510C
Analysis Method: EPA 8082A
Analysis Description: 8082A GCS PCB
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 40257320002, 40257320003, 40257320004, 40257320006

METHOD BLANK: 4574933 Matrix: Water
Associated Lab Samples: 40257320002, 40257320003, 40257320004, 40257320006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	<0.040	0.10	02/14/23 09:06	
PCB-1221 (Aroclor 1221)	ug/L	<0.041	0.10	02/14/23 09:06	
PCB-1232 (Aroclor 1232)	ug/L	<0.043	0.10	02/14/23 09:06	
PCB-1242 (Aroclor 1242)	ug/L	<0.043	0.10	02/14/23 09:06	
PCB-1248 (Aroclor 1248)	ug/L	<0.049	0.10	02/14/23 09:06	
PCB-1254 (Aroclor 1254)	ug/L	<0.041	0.10	02/14/23 09:06	
PCB-1260 (Aroclor 1260)	ug/L	<0.049	0.10	02/14/23 09:06	
Decachlorobiphenyl (S)	%.	108	30-125	02/14/23 09:06	
Tetrachloro-m-xylene (S)	%.	52	30-125	02/14/23 09:06	

LABORATORY CONTROL SAMPLE: 4574934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	2	1.3	65	42-125	
PCB-1260 (Aroclor 1260)	ug/L	2	1.7	84	47-125	
Decachlorobiphenyl (S)	%.			107	30-125	
Tetrachloro-m-xylene (S)	%.			47	30-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4574935 4574936

Parameter	Units	10642503001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/L	ND	6.7	6.7	5.3	4.4	80	67	35-125	19	30	
PCB-1260 (Aroclor 1260)	ug/L	ND	6.7	6.7	5.8	5.7	87	86	41-125	1	30	
Decachlorobiphenyl (S)	%.						104	104	30-125			
Tetrachloro-m-xylene (S)	%.						57	38	30-125			P1

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: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

QC Batch: 436254
QC Batch Method: EPA 3510
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV Low Volume
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257320001, 40257320002, 40257320003, 40257320004, 40257320005, 40257320006

METHOD BLANK: 2508967 Matrix: Water
Associated Lab Samples: 40257320001, 40257320002, 40257320003, 40257320004, 40257320005, 40257320006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,3-Dichlorobenzene	ug/L	<2.2	5.0	01/24/23 09:11	
1,4-Dichlorobenzene	ug/L	<1.8	5.0	01/24/23 09:11	
2,4-Dimethylphenol	ug/L	<0.43	5.0	01/24/23 09:11	
2,4-Dinitrophenol	ug/L	<2.6	10.0	01/24/23 09:11	
2,4-Dinitrotoluene	ug/L	<1.2	5.0	01/24/23 09:11	
2,6-Dinitrotoluene	ug/L	<0.85	5.0	01/24/23 09:11	CH
2-Methylnaphthalene	ug/L	<1.5	5.0	01/24/23 09:11	
2-Methylphenol(o-Cresol)	ug/L	<0.77	5.0	01/24/23 09:11	
3&4-Methylphenol(m&p Cresol)	ug/L	<0.60	5.0	01/24/23 09:11	
4,6-Dinitro-2-methylphenol	ug/L	<1.2	5.0	01/24/23 09:11	
4-Chloroaniline	ug/L	<0.89	5.0	01/24/23 09:11	2q
4-Nitrophenol	ug/L	<2.0	5.0	01/24/23 09:11	
Acenaphthene	ug/L	<0.72	5.0	01/24/23 09:11	
Anthracene	ug/L	<0.75	5.0	01/24/23 09:11	
Benzo(a)anthracene	ug/L	<0.53	5.0	01/24/23 09:11	
Benzo(a)pyrene	ug/L	<1.3	5.0	01/24/23 09:11	
Benzo(b)fluoranthene	ug/L	<1.4	5.0	01/24/23 09:11	
Benzo(g,h,i)perylene	ug/L	<1.7	5.0	01/24/23 09:11	
Benzo(k)fluoranthene	ug/L	<1.4	5.0	01/24/23 09:11	
bis(2-Ethylhexyl)phthalate	ug/L	<0.69	5.0	01/24/23 09:11	
Carbazole	ug/L	<1.1	5.0	01/24/23 09:11	
Chrysene	ug/L	<0.72	5.0	01/24/23 09:11	
Di-n-octylphthalate	ug/L	<0.46	10.0	01/24/23 09:11	
Dibenz(a,h)anthracene	ug/L	<2.3	5.0	01/24/23 09:11	
Dibenzofuran	ug/L	<0.93	5.0	01/24/23 09:11	
Fluoranthene	ug/L	<0.74	5.0	01/24/23 09:11	
Fluorene	ug/L	<0.50	5.0	01/24/23 09:11	
Indeno(1,2,3-cd)pyrene	ug/L	<1.8	5.0	01/24/23 09:11	
Naphthalene	ug/L	<1.7	5.0	01/24/23 09:11	
Phenanthrene	ug/L	<0.46	5.0	01/24/23 09:11	
Pyrene	ug/L	<0.98	5.0	01/24/23 09:11	
2,4,6-Tribromophenol (S)	%	86	10-142	01/24/23 09:11	
2-Fluorobiphenyl (S)	%	60	10-101	01/24/23 09:11	
2-Fluorophenol (S)	%	54	10-89	01/24/23 09:11	
Nitrobenzene-d5 (S)	%	85	10-120	01/24/23 09:11	
Phenol-d6 (S)	%	33	10-130	01/24/23 09:11	
Terphenyl-d14 (S)	%	95	36-138	01/24/23 09:11	

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: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

LABORATORY CONTROL SAMPLE & LCSD: 2508968 2508969

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,3-Dichlorobenzene	ug/L	50	20.6	22.7	41	45	30-130	10	20	
1,4-Dichlorobenzene	ug/L	50	22.8	23.3	46	47	32-130	2	20	
2,4-Dimethylphenol	ug/L	50	42.0	38.3	84	77	70-130	9	20	
2,4-Dinitrophenol	ug/L	50	29.3	34.4	59	69	17-79	16	50	
2,4-Dinitrotoluene	ug/L	50	39.6	43.1	79	86	61-130	9	20	
2,6-Dinitrotoluene	ug/L	50	44.7	48.1	89	96	64-130	7	20	CH
2-Methylnaphthalene	ug/L	50	29.9	26.1	60	52	37-130	13	20	
2-Methylphenol(o-Cresol)	ug/L	50	39.0	43.4	78	87	68-130	11	20	
3&4-Methylphenol(m&p Cresol)	ug/L	50	36.6	39.5	73	79	62-130	8	20	
4,6-Dinitro-2-methylphenol	ug/L	50	34.5	37.2	69	74	29-90	8	50	
4-Chloroaniline	ug/L	50	37.3	39.8	75	80	64-130	7	20	2q
4-Nitrophenol	ug/L	50	13.8	16.4	28	33	15-130	17	50	
Acenaphthene	ug/L	50	33.0	33.9	66	68	49-130	3	23	
Anthracene	ug/L	50	40.2	44.2	80	88	70-130	10	20	
Benzo(a)anthracene	ug/L	50	46.4	47.2	93	94	68-130	2	20	
Benzo(a)pyrene	ug/L	50	40.1	42.7	80	85	66-130	6	20	
Benzo(b)fluoranthene	ug/L	50	39.8	44.2	80	88	68-130	11	20	
Benzo(g,h,i)perylene	ug/L	50	44.6	47.9	89	96	67-130	7	20	
Benzo(k)fluoranthene	ug/L	50	42.7	46.9	85	94	70-130	9	20	
bis(2-Ethylhexyl)phthalate	ug/L	50	41.4	41.5	83	83	59-130	0	20	
Carbazole	ug/L	50	43.9	48.6	88	97	70-130	10	20	
Chrysene	ug/L	50	50.1	52.5	100	105	70-130	5	20	
Di-n-octylphthalate	ug/L	50	37.2	38.2	74	76	50-130	3	20	
Dibenz(a,h)anthracene	ug/L	50	40.1	42.8	80	86	62-130	6	20	
Dibenzofuran	ug/L	50	35.7	35.8	71	72	56-130	0	20	
Fluoranthene	ug/L	50	41.0	52.8	82	106	69-130	25	20	R1
Fluorene	ug/L	50	38.8	38.8	78	78	64-130	0	20	
Indeno(1,2,3-cd)pyrene	ug/L	50	37.2	39.8	74	80	56-130	7	20	
Naphthalene	ug/L	50	33.0	33.9	66	68	46-130	3	20	
Phenanthrene	ug/L	50	42.7	45.4	85	91	70-130	6	20	
Pyrene	ug/L	50	50.0	51.9	100	104	70-130	4	20	
2,4,6-Tribromophenol (S)	%				90	99	10-142			
2-Fluorobiphenyl (S)	%				62	64	10-101			
2-Fluorophenol (S)	%				64	66	10-89			
Nitrobenzene-d5 (S)	%				87	83	10-120			
Phenol-d6 (S)	%				40	45	10-130			
Terphenyl-d14 (S)	%				100	102	36-138			

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: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

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.

BATCH QUALIFIERS

Batch: 436321

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 436499

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1q	Intial pH of 10. Before extraction, 0.5 mL of 1:1 H2SO4 was added to sample container. ph was brought down to 9.
2q	The initial calibration verification for this compound was outside of method control limits.
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
P1	Routine initial sample volume or weight was not used for extraction, resulting in elevated reporting limits.
R1	RPD value was outside control limits.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 117-4124281.02 GP BROADWAY
Pace Project No.: 40257320

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40257320001	**MW-21-11**	EPA 3510	436455	EPA 8082A	436499
40257320002	**MW-21-08**	EPA 3510	436455	EPA 8082A	436499
40257320003	**MW-20-03**	EPA 3510	436455	EPA 8082A	436499
40257320004	**MW-20-02**	EPA 3510	436455	EPA 8082A	436499
40257320005	**EB-01**	EPA 3510	436455	EPA 8082A	436499
40257320006	**DUP-01**	EPA 3510	436455	EPA 8082A	436499
40257320002	**MW-21-08**	EPA 3510C	866952	EPA 8082A	867236
40257320003	**MW-20-03**	EPA 3510C	866952	EPA 8082A	867236
40257320004	**MW-20-02**	EPA 3510C	866952	EPA 8082A	867236
40257320006	**DUP-01**	EPA 3510C	866952	EPA 8082A	867236
40257320004	**MW-20-02**	EPA 3010A	436524	EPA 6010D	436585
40257320006	**DUP-01**	EPA 3010A	436524	EPA 6010D	436585
40257320001	**MW-21-11**	EPA 6010D	436295		
40257320002	**MW-21-08**	EPA 6010D	436295		
40257320003	**MW-20-03**	EPA 6010D	436295		
40257320005	**EB-01**	EPA 6010D	436295		
40257320001	**MW-21-11**	EPA 3010A	437458	EPA 6020B	437524
40257320002	**MW-21-08**	EPA 3010A	437458	EPA 6020B	437524
40257320003	**MW-20-03**	EPA 3010A	437458	EPA 6020B	437524
40257320004	**MW-20-02**	EPA 3010A	437458	EPA 6020B	437524
40257320006	**DUP-01**	EPA 3010A	437458	EPA 6020B	437524
40257320001	**MW-21-11**	EPA 7470	436463	EPA 7470	436478
40257320002	**MW-21-08**	EPA 7470	436463	EPA 7470	436478
40257320003	**MW-20-03**	EPA 7470	436463	EPA 7470	436478
40257320004	**MW-20-02**	EPA 7470	436463	EPA 7470	436478
40257320005	**EB-01**	EPA 7470	436463	EPA 7470	436478
40257320006	**DUP-01**	EPA 7470	436463	EPA 7470	436478
40257320001	**MW-21-11**	EPA 3510	436254	EPA 8270E	436321
40257320002	**MW-21-08**	EPA 3510	436254	EPA 8270E	436321
40257320003	**MW-20-03**	EPA 3510	436254	EPA 8270E	436321
40257320004	**MW-20-02**	EPA 3510	436254	EPA 8270E	436321
40257320005	**EB-01**	EPA 3510	436254	EPA 8270E	436321
40257320006	**DUP-01**	EPA 3510	436254	EPA 8270E	436321
40257320001	**MW-21-11**	EPA 8260	436439		
40257320002	**MW-21-08**	EPA 8260	436439		
40257320003	**MW-20-03**	EPA 8260	436439		
40257320004	**MW-20-02**	EPA 8260	436259		
40257320005	**EB-01**	EPA 8260	436259		
40257320006	**DUP-01**	EPA 8260	436259		
40257320007	**TRIP BLANK**	EPA 8260	436259		

Pace Analytical®

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here 40257320

ALL SHADED AREAS are for LAB USE ONLY

Company: Tetra Tech
Billing Information:
Address: 13555 Bishops Ct, Ste 201, Brookfield, WI 53005
Report To: Mike Savale
Email To: michael.savale@tetratech.com
Copy To:
Site Collection Info/Address:
Customer Project Name/Number: GP Broadway/117-4124281.02
State: WI County/City: Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: (734)213-5040
Email: mike.savale
Site/Facility ID #:
Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Connor Lauzon
Purchase Order #:
Quote #:
DW PWS ID #:
DW Location Code:
Collected By (signature): Connor Lauzon
Turnaround Date Required: standard
Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ______ [ ] Hold: ______
Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
Field Filtered (if applicable): [X] Yes [ ] No
Analysis: Diss. Metals

Container Preservative Type **: 3 | U | U | 1

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ______

Lab Project Manager:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected Date	Collected Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs	SVOCs	PCBs	Metals	Lab Sample # / Comments
MW-21-11	GW	G	1/19	10:05				8	X	X	X	X	001
MW-21-08	GW	↓	↓	14:25				↓	↓	↓	↓	↓	002
MW-20-03	GW	↓	↓	16:10				↓	↓	↓	↓	↓	003
MW-20-02	GW	↓	↓	11:50				↓	↓	↓	↓	↓	004
EB-01	DI	↓	↓	12:10				↓	↓	↓	↓	↓	005
DUP-01	GW	↓	—	—				7	↓	↓	↓	↓	006
Trip Blank	DI	↓	—	—				2	↓				007

Lab Profile/Line:
Lab Sample Receipt Checklist:
- Custody Seals Present/Intact Y N NA
- Custody Signatures Present Y N NA
- Collector Signature Present Y N NA
- Bottles Intact Y N NA
- Correct Bottles Y N NA
- Sufficient Volume Y N NA
- Samples Received on Ice Y N NA
- VOA - Headspace Acceptable Y N NA
- USDA Regulated Soils Y N NA
- Samples in Holding Time Y N NA
- Residual Chlorine Present Y N NA
- Cl Strips: ______
- Sample pH Acceptable Y N NA
- pH Strips: ______
- Sulfide Present Y N NA
- Lead Acetate Strips: ______

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards: Please analyze samples for the list of compounds attached to the COC.

Type of Ice Used: Wet Blue Dry None
Packing Material Used:
Radchem sample(s) screened (<500 cpm): Y N NA
SHORT HOLDS PRESENT (<72 hours): Y N N/A
Lab Tracking #: 2782756
Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 9
Cooler 1 Temp Upon Receipt: 3.5 oC
Cooler 1 Therm Corr. Factor: +1.0 oC
Cooler 1 Corrected Temp: 4.5 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Connor Lauzon / TetraTech	1/19/23 17:00	[signature]	1/19/23 1700

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO
Page: 1 of: 1

4025732O

Groundwater Analyte List
Groundwater Evaluation
Georgia-Pacific Broadway Mill
Green Bay, Wisconsin

Analyte	Category and Analytical Method
Arsenic	Dissolved Metals EPA 6010B & EPA 7470A (Mercury only)
Barium	
Cadmium	
Chromium	
Lead	
Mercury	
Selenium	
Silver	
PCB, Total	PCBs EPA 8082
1,3-Dichlorobenzene	SVOCs EPA 8270
1,4-Dichlorobenzene	
2,4-Dimethylphenol	
2,4-Dinitrophenol	
2,4-Dinitrotoluene	
2,6-Dinitrotoluene	
2-Methylnaphthalene	
2-Methylphenol(o-Cresol)	
3&4-Methylphenol(m&p Cresol)	
4,6-Dinitro-2-methylphenol	
4-Chloroaniline	
4-Nitrophenol	
Acenaphthene	
Anthracene	
Benzo(a)anthracene	
Benzo(a)pyrene	
Benzo(b)fluoranthene	
Benzo(g,h,i)perylene	
Benzo(k)fluoranthene	
bis(2-Ethylhexyl)phthalate	
Carbazole	
Chrysene	
Dibenz(a,h)anthracene	
Dibenzofuran	
Di-n-octylphthalate	
Fluoranthene	
Fluorene	
Indeno(1,2,3-cd)pyrene	
Naphthalene	
Phenanthrene	
Pyrene	
1,1,1-Trichloroethane	VOCs EPA 8260
1,1-Dichloroethane	
1,2,4-Trimethylbenzene	
1,3,5-Trimethylbenzene	
Benzene	
Chlorobenzene	
Chloromethane	
cis-1,2-Dichloroethene	
Ethylbenzene	
Isopropylbenzene (Cumene)	
Methylene Chloride	
Naphthalene	
n-Butylbenzene	
n-Propylbenzene	
o-Xylene	
p-Isopropyltoluene	
sec-Butylbenzene	
Tetrachloroethene	
Toluene	
Trichloroethene	
Trimethylbenzenes (1,2,4- and 1,3,5- combined)	
Xylene (m,p,o)	

Client Name: Tetra Tech

Sample Preservation Receipt Form

Project # 460573320

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

Lab Lot# of pH paper: 100722 Lab Std #ID of preservation (if pH adjusted):

Initial when completed: MM 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	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2							
001	2				2						1						2															X		2.5 / 5
002	2				2						1						2															X		2.5 / 5
003	2				2						1						2															X		2.5 / 5
004	2				2						1						2															X		2.5 / 5
005	2				2						1						2															X		2.5 / 5
006	2				2						1						2																	2.5 / 5
007																	2											2						2.5 / 5
008																																		2.5 / 5
009																																		2.5 / 5
010																																		2.5 / 5
011																																		2.5 / 5
012																																		2.5 / 5
013																																		2.5 / 5
014																																		2.5 / 5
015																																		2.5 / 5
016																																		2.5 / 5
017																																		2.5 / 5
018																																		2.5 / 5
019																																		2.5 / 5
020																												✓						2.5 / 5

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

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9C	40 mL clear ascorbic w/ HCl	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #: WO# : 40257320 40257320

Client Name: Tetra Tech

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

Tracking #:

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

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

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

Thermometer Used SR - 4 mnp 01/19/2023 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 3.5, 3.5 Corr: 4.5, 4.5

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

Person examining contents: Date: 01/19/2023 Initials: MNP

Labeled By Initials: SG

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: - DI VOA Samples frozen upon receipt	☑Yes ☐No ☐Yes ☐No	5. 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: Correct Type: (Pace Green Bay) Pace IR, Non-Pace	☑Yes ☐No	9.
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: Trip Blank Custody Seals Present Pace Trip Blank Lot # (if purchased): 494	☑Yes ☐No ☐N/A ☑Yes ☐No ☐N/A	13.

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

Page 2 of 2