LETTER OF TRANSMITTAL

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To: Ms. Jane Pfeiffer
Wisconsin Department of Natural Resources
1701 North 4th Steet
Superior, WI 54880-1068
414.435.8021
jane.pfeiffer@wisconsin.gov

RE: NR 716 Site Investigation Work Plan
Bear Development, LLC - Filer & Stowell Property
147 East Becher Street, Milwaukee, Wisconsin
BRRTS 02-41-589088

June 04, 2024
Ramboll Project 1690023383

WE ARE SENDING YOU:

☒ Enclosed ☐ Under separate cover via _____the following items:

☐ Shop drawings ☐ Technical Paper ☐ Prints ☐ Plans
☒ DNR Review Check ☐ Samples ☐ Specifications ☐ Reports

COPIES	TYPE	DATE	DESCRIPTION
1	Cover Letter	06/04/2024	Check for NR 716 Site Investigation Work Plan Review

THESE ARE TRANSMITTED AS CHECKED BELOW:

☐ For approval ☐ Approved as submitted ☐ Resubmit____copies for approval
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☒ For Review and Comment

REMARKS: This transmittal accompanies the WDNR review check for the submittal uploaded to the WDNR portal on June 04, 2024. I know the DNR gets 60 days from the check receipt to review the work plan. I will follow up with you shortly to give you the latest construction schedule and WDNR review schedule for this work plan.

As always, Ramboll appreciates the Agency's efforts to expedite the document review. In the meantime, please do not hesitate to contact me with questions or comments regarding this project.

Thank you,

Richard Mazurkiewicz

Managing Consultant
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NR 716 SITE INVESTIGATION WORK PLAN (OIL-SHEENS)

FS APARTMENTS, LLC SITE
147 EAST BECHER STREET, MILWAUKEE, WISCONSIN

BRRTS 02-41-594228

Intended for:
Wisconsin Department of Natural Resources
Milwaukee, Wisconsin

Prepared for:
Bear Development, Inc.

Prepared by:
Ramboll Americas Engineering Solutions, Inc.

Date:
June 04, 2024

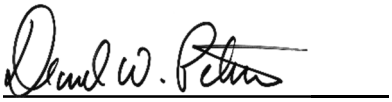
Project Number:
1690023383_Conv

RAMBOLL

ENVIRONMENT
& HEALTH

CERTIFICATION

I, Dan Petersen, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered per the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed per the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.



Signature

May 20, 2024
Date

Title: Principal
License Number 36-13

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1. INTRODUCTION

Ramboll Americas Engineering Solutions, Inc. (Ramboll), on behalf of Bear Development, LLC (Bear), is submitting this *NR 716 Site Investigation Work Plan (Oil-Sheens;* the "Work Plan") to conduct additional investigation activities related to oil-sheens observed on groundwater within portions of the FS Apartments, LLC, property located in the city of Milwaukee, Wisconsin (the "site"). This Work Plan has been prepared in conformance with Wisconsin Administrative Code (WAC) Chapter NR 716 and is intended to investigate the observation of three oil-sheens while excavating/removing concrete foundations at the site. The Wisconsin Department of Natural Resources (WDNR) requested a separate work plan to evaluate the oil-sheens on March 14, 2024. This Work Plan presents a summary of relevant background information, the proposed focused site investigation approach, the scope of services, and the schedule.

1.1 Site Location and Description

The site is located at 147 East Becher Street, Milwaukee, Milwaukee County, Wisconsin in the southeast ¼ of the southeast ¼ of Section 5, Township 6N, Range 22E of the Public Land Survey System. The site is bounded by East Becher Street (North), the Soo Line railroad right-of-way (East), East Lincoln Avenue (South), and commercial/industrial property (West). The location of the site is depicted in **Figure 1** and the site layout and surrounding properties are shown in **Figure 2**.

The Parcel identification number and legal description were obtained from the Milwaukee County Geographic Information System and Land Information Interactive Map and the Transverse Mercator Coordinates were obtained from the WDNR online Remediation and Redevelopment Sites Map[1] and are as follows:

- Parcel: 4670201100.
- Legal Description: J A BECHER'S SUBD IN SE 1/4 SEC 5-6-22 VAC & RE-PLATTED BY ORDER OF THE CIRCUIT COURT LOT 3 EXC VAC ZIEMER ST (WITH EASM'T FOR INGRESS & EGRESS OVER PROPERTY ELY OF ELY LI CMSTP&P RR ROW IN SW 1/4 SEC 4-6-22) & SUBJECT TO MMSD EASM'T BID #51, TID #117.
- Wisconsin Transverse Mercator Coordinates: - X: 690363, Y: 283476.

The site consists of 9.98 acres of land which was formerly developed with nine buildings totaling approximately 170,524 square feet under roof. The remainder of the site surface was covered with mixed materials outside of the existing buildings including areas of asphalt and concrete pavements, gravel, and topsoil. The site is currently undergoing redevelopment by its owner, FS Apartments, LLC, which is building eight multitenant housing units that are planned to be completed by 2026. An illustration of the planned development is presented in **Figure 3**.

The surrounding property uses are a mixture of residential, commercial, and industrial. The site is zoned as industrial mixed, which allows multifamily residential use. The local topography slopes to the southwest towards the Kinnickinnic River, which is located approximately 400 feet west at its nearest point.

[1] Viewed by Ramboll on March 06, 2024.

1.2 Involved Parties

The following parties are involved with the site:

Responsible Party/site Owner:	FS Apartments, LLC SR Mills, Authorized Member 4011 80th Street Kenosha, WI 53142 Phone: 262.842.0452
Regulatory Agency/Project Manager:	WDNR Ms. Jane Pfeiffer 2300 North Dr. Martin Luther King, Jr. Drive Milwaukee, WI 53212 Phone: 414.435.8021
Environmental Consultant:	Ramboll Americas Engineering Solutions, Inc. Richard Mazurkiewicz 234 West Florida Street, Fifth Floor Milwaukee, WI 53204 Phone: 262.901.0085

The following primary subcontractors have provided and will continue to provide services during the proposed site investigations:

Drillers:	On-site Environmental Services, Inc. P.O. Box 280 Sun Prairie, WI 53590 Phone: 608.837.8992
Laboratory:	Pace Analytical Services, LLC 1241 Bellevue Street, Suite 9 Green Bay, WI 54302 Phone: 920.469.2436
The site-development firm is:	Bear Development, LLC Mr. Adam Templer 4011 80TH St Kenosha, WI 53142 262.694.2327Mr. Adam Templer 4011 80TH St Kenosha, WI 53142

2. PROJECT BACKGROUND

The current site owner, FS Apartments, LLC, purchased the property on December 21, 2023. The Past owners of the site included Corliss Engine Company (before 1890), Filer & Stowell Company (1890 to 1997), Beta-Becher Acquisition Company/Compassion4others LLC (2020), Read Development Company (December 9, 2020), and the Beta-Becher Acquisition Company, LLC (December 2021). Note that FS Apartments, LLC purchased the site in December 2023. Ramboll performed a Phase I Environmental Site Assessment (ESA) in July 2021 (updated October 2, 2023). The findings of the Phase I ESA included the presence of historical fill materials at the site, the potential presence of historical underground storage tanks, and long-term industrial operations at the site.

Ramboll initiated site investigation activities in September 2011. Soil analyses identified the following analytes over the applicable WAC Chapter NR 720 Residual Contaminant Levels (RCLs):

- Polynuclear aromatic hydrocarbons (PAHs), arsenic, barium, and lead concentrations over much of the site;
- Volatile organic compounds (VOCs; benzene and naphthalene) in certain areas of the site; and
- Polychlorinated biphenyls (PCBs) impacts are limited to portions of the building slabs and two small areas of fill.

As a result, a release was reported to the WDNR for the site on January 10, 2022 (Bureau for Remediation and Redevelopment Tracking System number 02-41-589088).

Between September 2021 and June 2022. A total of 49 borings (14 borings/temporary monitoring wells TW-1 through TW-14, 14 soil reuse samples, soil borings SB-1 through SB-3, NR 141 monitoring well boring MW-5, 13 VOC delineation samples [DB-4 through DB-16]), along with 4 test pits (TP 1 through TP-4) were used to characterize the soils at the site (**Figure 2**). Groundwater samples were collected from a total of 19 monitoring wells (temporary wells TW-1 through TW-4[2], TW-6 through TW-14, and MW-1 through MW-5).

Ramboll concluded the following from the site investigation activities:

Soils

- Historic urban fill is present over the entire site with thicknesses varying from 3 to 14 feet.
- Benzene and naphthalene are present in the soil at concentrations above the WAC NR 720 migration to groundwater RCLs. These limited VOC impacts are delineated on-site by surrounding borings.
- PAHs and arsenic, barium, and lead concentrations are present above one or more of their respective non-industrial direct contact, industrial direct contact, and groundwater pathway NR 720 soil RCLs. The PAH and metals exceedances are located in the historic fill material but deeper (native soil) samples vertically delineate the impacts.

[2] Temporary monitoring well TW-5 was dry during the sampling event and no groundwater sample was collected.

- There were two total PCB soil samples collected from the historic fill that just exceeded the groundwater pathway RCL. The PCB impacts are in the historic fill and are horizontally and vertically delineated on-site.

Groundwater

- Groundwater at the site is perched in the fill material (primarily silty sands) at approximately 5 to 9 feet below the ground surface (bgs), above the native clay soils. There is approximately 3 to 14 feet of fill at the site.
- Only one VOC (i.e., 1,1-dichloroethene) was detected in one well (TW-7) at a concentration above the WAC NR 140 Preventive Action Limit (PAL).
- Several PAHs were initially detected in groundwater samples collected from one temporary monitoring well (TW-1) at concentrations above the NR 140 Enforcement Standards (ES). However, sampling from permanent NR 141 wells demonstrated that PAH ES exceedances in the temporary well sample were a sampling artifact attributable to sediment in the sample and not representative of groundwater quality at the site.
- Lead was detected above the NR 140 PAL in groundwater samples collected from three temporary monitoring wells and is also attributed to sampling artifacts due to the presence of sediment in the samples. Lead was not detected in laboratory samples collected from the NR 141 groundwater monitoring wells. Lead in groundwater is not a threat to human health at the site because the detected levels were below the NR 140 ES, there are no potable wells on the site, and the site area is provided potable water by the city of Milwaukee.
- PCBs were not detected in any of the groundwater samples analyzed demonstrating that the soil PCB RCL exceedances are not adversely affecting groundwater at the site.
- Several per- and polyfluoroalkyl substances (PFAS) were detected above the laboratory method detection limits but not at concentrations above the enforceable standard (70 parts per trillion). However, PFAS compounds perfluorooctanoic acid (PFOA) and perfluoro-1-octanesulfonic acid (PFOS), were detected above the recommended Wisconsin Department of Health Services proposed PALs or ESs. The detected PFAS concentrations appear to be at least partially due to PFAS migrating onto the site from sources because PFAS concentrations were detected in the upgradient monitoring well MW-10. Note that the low-level PFAS concentrations detected at the site were below the current enforceable standards, there are no potable wells on the site, and the site area is provided potable water by the city of Milwaukee. However, based on the July 2023 WDNR letter request, Ramboll will address PFOA and PFOS concentrations in groundwater, as detailed in Ramboll's April 16, 2024, *Supplemental NR 716 Site Investigation Work Plan*.
- The emerging contaminant 1,4-dioxane may potentially be present at the site due to its association with 1,1,1-trichloroethane (1,1,1-TCA) as a stabilizer. 1,1,1-TCA was detected in three soil samples below the RCLs and two groundwater samples at concentrations below the PAL. According to the Toxicological Profile for 1,4-dioxane prepared by the Agency for Toxic Substances and Disease Registry (April 2012), 1,1,1-TCA may have contained up to 4% of 1,4-dioxane as a stabilizer. Given the low concentrations of 1,1,1-TCA in groundwater at the site, the level of 1,4-dioxane would not be present at concentrations that would exceed its PAL in groundwater. However, the WDNR, in their July 2023 letter, requested sampling for 1,4-dioxane, based on it being associated with 1,1,1-TCA and having a slower degradation rate in comparison to 1,1,1-TCA. 1,4-Dioxane

is addressed in Ramboll's April 16, 2024, *Supplemental NR 716 Site Investigation Work Plan*.

Soil Gas

- Ramboll sampled 21 sub-slab soil vapor sampling probes in select areas at the site (one area was sampled twice). Naphthalene was detected just above the commercial Sub-Slab Vapor Risk Screening Level (VRSL) in a sample collected from Building 9 in the east-central portion of the site. The location was resampled on November 23, 2021, and naphthalene was detected at a concentration well below the residential VRSL. In addition, the proposed building plans include the installation of passive radon piping systems beneath the slab-on-grade foundations in all the building living spaces that are not part of the parking footprint and sealed elevator pits. Therefore, vapor intrusion is not expected to be a threat to human health. As requested in the WDNR's July 2023 letter, additional sub-slab soil vapor sampling will be performed as presented in Ramboll's April 16, 2024, *Supplemental NR 716 Site Investigation Work Plan.*
- Ramboll collected methane gas measurements from 23 vapor pins® and five groundwater monitoring wells, based on the presence of peat found in soils at the site. Methane measurements were well below the NR 507.22 limit; therefore, methane is not a health threat to human health or the environment.

In January 2023, Bear Development began site demolition activities to prepare the site for redevelopment (to build eight multi-tenant residential buildings). The demolition began with the removal of the above-ground portions of the nine historical buildings, approximately 170,524 square feet of roofed area. The removal of the old concrete building floors began on February 15, 2024, in Building 7 (**Figure 2**). Ramboll provided field oversight to inspect the soil conditions beneath the historical building floors, because of the limited soil and groundwater sampling performed inside the buildings.

Ramboll submitted the following information to the WDNR regarding the site:

- Site Investigation Report and Remedial Action Options Report with review fee on February 24, 2022.
- Development at Historic Fill Site Exemption Application with review fee on February 24, 2022. (WDNR approved 4/8/22)
- Materials Management Plan Request with review fee on February 24, 2022.
- Phase I ESA on March 11, 2022.
- Ramboll also submitted various information (maps and additional information regarding the Site Investigation Report and the Materials Management Plan) in documents submitted on March 17, 21, and 29, 2022.
- Development at Historic Fill Site Exemption Application Addendum (modified because new site development plans include the demolition of all onsite existing structures). Approved by WDNR on July 11, 2023.
- Materials Management Plan Request Addendum (modified because new site development plans include the demolition of all onsite existing structures). Approved by WDNR on July 11, 2023.

- Ramboll also submitted various information (maps and additional information regarding the newly planned construction activities and schedules in emails and documents submitted to the WDNR between March 2022 to February 2024.
- On March 14, 2024, Ramboll reported an oil-sheen finding beneath Building 3 during site redeveloping activities (see **Section 3.1**). On March 22, 2024, the WDNR sent a responsible party letter to Bear, assigning the oil-sheen release BRRTS number 02-41-594228.
- On March 28, 2024, Ramboll reported a second oil-sheen finding beneath building 4 during foundation wall removal activities (see **Section 3.2**).
- On March 26, 2024, Ramboll reported a third oil-sheen finding beneath Building 9 during foundation wall removal activities(see **Section 3.3**).
- On April 16, 2024, Ramboll submitted a Supplemental NR 716 Site Investigation Work Plan to the WDNR along with a review fee.
- On April 17, 2024, Ramboll observed a fourth oil-sheen finding near the southeast corner of Building 5. The observation was associated with an unregistered 575-gallon single-wall steel petroleum underground storage tank (UST; see **Section 3.4**).

3. OIL-SHEEN DESCRIPTIONS

The removal of the concrete floors and associated foundations was completed on April 5, 2024, in Building 11 (**Figure 2**). In total, four separate excavation areas had oil-sheens. Three had oil-sheens present in the foundation wall removal excavations (designated 1, 2, and 3 in **Figure 4**). One oil-sheen was associated with a 575-gallon UST (designated as 4 in **Figure 4**). Refer to **Figure 4** for the oil-sheen locations described in Sections 3.1 through 3.4. The soil VOC, PAH, and RCRA metals and PCBs are summarized in **Tables 1** through **3**, respectively, and the groundwater analysis is summarized in **Table 4**. The laboratory reports are provided in **Appendix A**. Ramboll's site-specific operating procedures for tasks outlined in this work plan are detailed in **Appendix B**.

3.1 Oil-Sheen Location 1 (Building 3)

Bear's construction contractor (Construction Management Associates, Inc.) directed the removal of the slab-on-grade concrete floors and subgrade foundations. While removing the foundations along the west side of former Building 3, Ramboll observed groundwater with an oily dark sheen. The water had a degraded oil odor. The groundwater in the excavation was present at approximately 5-6 feet bgs. The sheen patch had no measurable thickness and was not a continuous layer. Ramboll put hydrophobic absorbent pads over the sheen to recover the material and keep it contained. The sheen did not return and was not present on the water's surface the next day. The spent absorbent pads were placed in a 55-gallon drum. Additional concrete (either equipment pads or older building foundations) with horizontal concrete slabs and foundational supports were encountered beneath Building 3. The additional concrete foundations are believed to be associated with former manufacturing equipment. A large lathe was reportedly located in this area.

With approval from Bear Ramboll notified the WDNR of the presence of the sheen on March 13, 2024 (via the online WDNR portal Form 4400-225). A groundwater sample of the oil-sheen water and a west sidewall soil sample were collected for laboratory analyses of VOCs, PAHs, RCRA eight metals, and PCBs to characterize the impact. The laboratory analytical reports were submitted to the WDNR on March 26, 2024.

The "source area" groundwater sample was collected from the Building 3 foundation wall excavation using a peristaltic pump with disposable polyethylene tubing. The "source area" soil sample was collected from 8 to 9 feet bgs from the west sidewall of the Building 3 foundation wall excavation (Location 1, **Figure 4**). The soil sample consisted of fill material (foundry sand with slag, pieces of brick, and cinders) and had a minimal photoionization detector (PID) reading (0.5 instrument units [IU] or total VOCs, which are equivalent to parts per million, based on lamp energy and instrument calibration).

3.1.1 Oil-Sheen Location 1 Laboratory Results and Characterization

No VOCs were detected above the laboratory method detection limits in the soil sample. There were several PAHs detected (benzo[a]anthracene, fluoranthene, phenanthrene, and pyrene), however, at minimal/estimated concentrations (i.e., below the laboratory limits of quantitation and well below the applicable NR 720 RCLs). Arsenic was detected above the soil groundwater protection RCL but the background threshold value. No PCBs were detected in the soil sample.

One VOC (i.e., p-isopropyltoluene) was detected in the groundwater sample from Location 1 at an estimated concentration (below the laboratory limit of quantitation). There is no Wisconsin or national

drinking or groundwater standard for p-isopropyltoluene. Several PAHs (i.e., benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, chrysene, dibenzo[a,h]anthracene, fluoranthene, indeno[1,2,3-cd]pyrene, phenanthrene, and pyrene) were detected in the groundwater sample collected from the Building 3 excavation with the benzo[a]pyrene concentration reported above the PAL and benzo[b]fluoranthene and chrysene concentrations reported above the ES. The water was resampled several days later because of the presence of sediments in the water during the initial sampling as a result of the excavation activities. The water was resampled for PAHs on April 1, 2024, after the suspended sediment settled, with no PAH PAL exceedances reported by the laboratory. Arsenic was detected in the groundwater sample at a concentration reported above the PAL. Total PCBs were not detected above the laboratory method detection limit. Therefore, based on the resampled water, there are no NR140 exceedances in the source area groundwater.

The source of the oil-sheen impact in Building 3 appears to be related to historically degraded petroleum (p-isopropyltoluene in soil). The source of the arsenic impact in groundwater is likely from the historical fill.

3.2 Oil-Sheen Location 2 (Building 4)

On March 20, 2024, Ramboll observed a second (discreet) location of oil-sheen on the groundwater in the foundation wall excavation on the east side of former Building 4 (Location 2, **Figure 4**). Groundwater in the excavation was present at approximately 5 feet bgs. The sheen patch had no measurable thickness and was not a continuous layer. The sheen had a degraded oil odor. Ramboll put hydrophobic absorbent pads over the sheen to recover the material and keep it contained. The sheen did not return and was not present on the water's surface the next day. The spent absorbent pads were placed in a 55-gallon drum. A soil sample was collected from the east side of the foundation wall excavation from between 4 and 5 feet bgs.

Note that there was a shallow 6-inch deep by 6-inch wide trench in the concrete floor of Building 4 along the entire east wall. The trench was empty and had no obvious staining. Ramboll notified the WDNR of the Building 4 oil-sheen and submitted the laboratory analytical results to the agency on March 28, 2024. The soil sample from the Building 4 excavation consisted of fill material (foundry sand with slag and pieces of brick) and had no appreciable PID readings (0.5 IU total VOCs). A groundwater sample was collected directly from the excavation using a peristaltic pump with disposable polyethylene tubing. Both the soil and groundwater samples were submitted for laboratory analyses of VOCs, PAHs, RCRA metals, and PCBs to characterize the impact.

3.2.1 Oil-Sheen Location 2 Laboratory Results and Characterization

Several VOCs i.e., (benzene, ethylbenzene, toluene, xylenes, naphthalene, n-propylbenzene, and trimethylbenzenes) detected above the laboratory method detection limits. Benzene (34.1 micrograms per kilogram [µg/kg]) was the only VOC detected at a concentration above the NR 720 RCLs for the groundwater protection pathway of 5.1 µg/kg).

PAHs in soil were detected, at low/estimated concentrations, (i.e., below the laboratory limits of quantitation and well below the applicable NR 720 RCLs) except for chrysene, which was above the groundwater protection RCL. The RCRA metals arsenic, cadmium, and lead were detected above the applicable soil to groundwater protection RCLs. PCBs were not detected above the laboratory method detection limits in the soil sample collected from the Building 4 excavation.

No VOCs were detected in the groundwater sample collected from the Building 4 foundation excavation above the laboratory method detection limits. Several PAHs(i.e., acenaphthene, acenaphthylene, anthracene, benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[g,h,i]perylene, benzo[k]fluoranthene, chrysene, dibenzo[a,h]anthracene, fluoranthene, fluorene, indeno[1,2,3-cd]pyrene, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene) were detected in the groundwater sample collected from the Building 4 excavation at concentrations below the applicable PALs. The RCRA metals arsenic, selenium, and lead were detected in the groundwater sample at concentrations reported above the applicable PALs. Total PCBs were not detected above the laboratory method detection limit. There were no reported NR 140 ES exceedances in the Building 4 source area groundwater sample.

The oil-sheen impact in Building 4 appears to be related to historical degraded petroleum release/s (benzene and chrysene in soil) associated with the former machine shop activities. The source of the metal impact in soil (arsenic, selenium, and lead) and groundwater (arsenic, cadmium, and lead) is likely from the historical fill. The source and nature of the oil-sheen in Building 4 are past site operations (machine shop) and the historical fill.

3.3 Oil-Sheen Location 3 (Building 9)

On April 2, 2024, Ramboll observed a third (discreet) location of groundwater with an oil-sheen beneath the north end of former Building 9 (Location 3, **Figure 4**). Ramboll observed groundwater with an oily dark sheen. The water had a degraded oil odor. The groundwater in the excavation was present at approximately 6 feet bgs. The sheen patch had no measurable thickness and was not a continuous layer. Ramboll put hydrophobic absorbent pads over the sheen to recover the material and keep it contained. The sheen did not return and was not present on the water's surface the next day. The spent absorbent pads were placed in a 55-gallon drum.

A soil sample was collected from the west side of the excavation from between 5 and 6 feet bgs. The soil sample consisted of fill material (foundry sand with slag and pieces of brick) and had no appreciable PID readings (0.0 IU total VOCs). A groundwater sample was collected directly from the excavation using a peristaltic pump with disposable polyethylene tubing. Both the soil and groundwater samples were submitted for laboratory analyses of VOCs, PAHs, RCRA metals, and PCBs to characterize the impact. Ramboll notified the WDNR of the Building 9 oil-sheen release and submitted the laboratory analytical results to the agency on April 3, 2024.

3.3.1 Oil-Sheen Location 3 Laboratory Results and Characterization

No VOCs were reported above the laboratory method detection limits in the soil sample collected from the Location 3 excavation. Several PAHs were detected (i.e., benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[g,h,i]perylene, benzo[k]fluoranthene, chrysene, fluoranthene, indeno[1,2,3-cd]pyrene, and pyrene), were detected at estimated concentrations (i.e., below the laboratory limits of quantitation) well below the applicable NR 720 RCLs. The RCRA metals arsenic and lead were detected above the applicable soil to groundwater protection RCLs, but not above the established WDNR Background Threshold Values. Therefore, RCRA metals are not analytes of concern. Total PCBs were detected in the soil sample collected from beneath Building 9 at a concentration above the protection of the groundwater pathway; however, PCBs were not detected in the groundwater sample collected from the Building 9 excavation (therefore, PCBs in soil are not adversely affecting groundwater.)

No VOCs were detected in the groundwater sample collected from the Location 3 excavation above the laboratory method detection limits. Several PAHs (i.e., acenaphthene, acenaphthylene, anthracene, benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[g,h,i]perylene, benzo[k]fluoranthene, chrysene, dibenzo[a,h]anthracene, fluoranthene, fluorene, indeno[1,2,3-cd]pyrene, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene) were detected below the applicable NR 140 PALs. The RCRA metals arsenic, selenium, and lead were detected in the groundwater sample at concentrations reported above the applicable PALs. Lead was also detected at a concentration above the NR 140 ES. Total PCBs in groundwater were not detected above the laboratory method detection limit.

The oil-sheen impact in Building 9 appears to be related to historical metal forge operations with metals (arsenic, selenium, and lead) soil and groundwater (lead) impacts from historical fill. The PCBs in soil may be also related to oil quenching in the metal-forging process. The source and nature of the oil-sheen in Building 9 are past site operations (metal forging) and the historical fill.

3.4 Oil-Sheen Location 4 (UST Excavation)

On April 17, 2024, a fourth location of groundwater with an oil-sheen was observed in an excavation located outside the southeast corner of Building 4. The sheen appeared in the excavation associated with an unregistered 575-gallon single-walled bare steel UST that was discovered with a concrete vault. The water in the excavation had a degraded petroleum oil odor.

CMA had already removed the UST when Ramboll arrived on site. The horizontal cylindrical tank measured 8 feet (long) by 3.5 feet (diameter) and was set in a concrete containment structure with steel-reinforced concrete over the tank. The UST containment's north, west, and south walls were also removed at the time of Ramboll's UST assessment. Ramboll's sampling consisted of 1) collecting source area characterization soil and groundwater samples for VOC, PAH, RCRA metals, and PCBs analyses (labeled UST-1 in tables) and 2) collecting UST soil assessment samples (labeled SW-01 through SW-03 in the analytical tables).

The source area characterization soil sample was collected from the west side of the observed UST excavation at 4 feet bgs. The groundwater in the excavation was present at a depth of approximately 4.5 feet bgs. The sheen patch had no measurable thickness and was not a continuous layer. The sheen was silvery-gray and had a degraded petroleum odor. Ramboll put hydrophobic absorbent pads over the sheen to recover the material and keep it contained. The sheen did not return and was not present on the water's surface the next day. The spent absorbent pads were placed in a 55-gallon drum. A groundwater sample was collected directly from the excavation using a peristaltic pump with disposable polyethylene tubing. The soil from around the former UST location consisted of fill material (foundry sand with pieces of brick) and had no PID readings (0.0 IU total VOCs).

Ramboll's tank-system site assessor (Emily Ruder; certification 523640) collected soil samples from the UST excavation according to WAC Section ATCP 93.240. Soil samples for VOC analysis were collected according to Table 1, Section 5 of the Department of Agriculture, Trade and Consumer Protection Tank-System Site Assessment (TSSA) document ("*Other/Unknown*"). There were no UST bottom samples collected because the bottom of the tank, which was approximately 6-7 feet bgs, was below the groundwater table. Ramboll collected north, west, and south UST excavation sidewall samples because the concrete containment along these walls was removed at the time of the assessment. The north end of UST was torn open from the removal activities, because of the concrete containment structure over a part of the tank. There was approximately 5 feet of 2-inch diameter steel UST piping that was also removed. The removed tank was staged on and covered with plastic. There

was approximately 6 inches of tank sludge present in the removed UST. CMA is currently contracting with Safety-Kleen, Inc. (Safety-Kleen) located in Waukesha, Wisconsin to empty and clean the UST so it can be properly recycled as scrap metal. Ramboll will submit the Safety-Kleen waste disposal and tank cleaning documentation in the next WDNR submittal. There were no visible holes in the UST or the 2-inch steel UST piping and soils around the UST excavation did not have obvious staining or PID readings indicating a release. Ramboll's UST site assessor filled out Part B of TSSA form TR-WM-140 (**Appendix C**[3]) for the UST removal activities. Ramboll notified the WDNR of the UST removal and media sampling on April 19, 2024, and submitted the UST laboratory analytical on May 10, 2024.

3.4.1 Oil-sheen Observation 4 Laboratory Results and Characterization

Several petroleum VOCs (ethylbenzene, toluene, total xylenes, naphthalene, and 1,2,4-trimethylbenzene) were detected in the source area characterization and UST soil assessment samples, however, not at concentrations above the applicable RCLs. Several PAHs(i.e., acenaphthene, acenaphthylene, anthracene, benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[g,h,i]perylene, benzo[k]fluoranthene, chrysene, dibenzo[a,h]anthracene, fluoranthene, fluorene, indeno[1,2,3-cd]pyrene, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene) in soil were detected above the laboratory method detection limits. A total of six PAHs were detected above either the direct contact (benzo[a]anthracene, dibenzo[a,h]anthracene, and indeno[1,2,3-cd]pyrene) or protection of groundwater (benzo[a]pyrene, benzo[b]fluoranthene, and chrysene) RCLs.

Lead and PCBs in soil were detected at concentrations above the applicable protection of groundwater RCLs. As discussed below, lead and PCBs were not detected in groundwater at concentrations above their applicable PALs; therefore, groundwater is not adversely affected by the lead and PCB concentrations in soil.

Several VOCs (i.e., benzene, toluene, ethylbenzene, total xylenes, isopropylbenzene, n-propylbenzene, trimethylbenzenes, naphthalene, and p-isopropyltoluene) were detected in the groundwater sample from the former UST excavation above the laboratory method detection limits. Only benzene was reported at a concentration above the NR 140 PAL, but below the NR 140 ES. Several PAHs (i.e., acenaphthene, anthracene, benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[g,h,i]perylene, benzo[k]fluoranthene, chrysene, fluoranthene, indeno[1,2,3-cd]pyrene, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene) were detected above the laboratory method detection limits. PAHs(i.e., benzo[a]pyrene and benzo[b]fluoranthene) concentrations were detected above their applicable NR 140 PALs, but below their respective ES. RCRA metals arsenic, barium, and lead were detected in the groundwater sample, however, at concentrations below their applicable NR 140 PALs.

The source characterization of the UST excavation oil-sheen indicates that the unregistered UST likely contained leaded gasoline based on the VOCs detected (ethylbenzene, toluene, total xylenes, naphthalene, and 1,2,4-trimethylbenzene) and the elevated presence of lead in soil (over five times over the Wisconsin background level). The source and nature of the oil-sheen observed in the former UST excavation are past site operations (unleaded gasoline UST use) and the historical fill.

[3] TSSA form TR-WM-140 will be submitted to the Wisconsin Department of Agriculture, Trade and Consumer Protection after Bear has contracted Safety Kleen to clean the tank and dispose of the waste (WDNR will also be provided a copy of this form when completed.)

4. OIL-SHEEN SITE INVESTIGATION WORK PLAN WORK PLAN

The objectives for this Work plan are to evaluate the four oil-sheens observed on the groundwater when the historical buildings' concrete floor foundations and buried UST and UST containment structures were removed. As noted in Section 3, the source and nature of the oil-sheen releases and former UST soil and groundwater impacts are related to historical site operations (machine shop and metal forging) and the historical fill at the site. This site investigation Work Plan goal is to delineate the four oil-sheen areas by advancing three (triangulate) borings around the impact areas and collecting soil and groundwater samples for the site contaminants of concern (VOC, PAH, RCRA metals, and PCBs i.e., analytes identified at the site that exceed Wisconsin contaminant criteria). The results from the investigations completed in this Work Plan will be presented in a Supplemental Site Investigation Report (the "Supplemental SIR").

The following sections present a description of the services to be provided during the supplemental site investigation. The contents of this section were prepared following WAC NR 716. Ramboll's site-specific operating procedures are presented in **Appendix B**. The proposed boring locations are illustrated in **Figure 4**.

4.1 Pre-Site Investigation Activities

4.1.1 Health and Safety

The existing site-specific Health and Safety Plan, developed according to Occupational Safety and Health Administration 29 CFR 1910, will be updated and reviewed with all field personnel before commencing the field activities.

4.2 Soil Investigation and Monitoring Well Installation Activities

4.2.1 Utility Clearance

Before conducting intrusive site investigation activities, utility mark-outs will be coordinated through the Diggers Hotline (262.785.5300). Ramboll will also contract with a private utility locator to complete a private locate to identify subsurface utilities and confirm their location before initiating any intrusive work in the areas where subsurface investigation activities will occur. Proposed sampling locations may be modified to avoid subsurface and overhead utilities or other obstructions, as appropriate.

4.2.2 Field Activities (Drilling, Soil Screening, and Sampling)

A direct-push drill rig will be used to advance a total of 10 borings/temporary groundwater monitoring wells[4] to a depth of approximately 15 feet deep based on historical groundwater levels ranging from approximately 5 to 9 feet bgs. The soil borings will be advanced using a 2.5-inch stainless steel direct-push core sampler to collect continuous soil samples. The drilling, well installation, and groundwater sampling activities will be performed under the supervision of an experienced Ramboll consultant. Soil characteristics will be recorded in the field and screened for total VOCs using a PID equipped with a 10.6 electron volt lamp. The PID will be calibrated and zeroed in the field according to the manufacturer's instructions, using 100 parts per million isobutylene span gas and air (zero gas), and checked between each screening event for proper response. The PID readings and any organoleptic

[4] Borings MW-6 and MW-7 (wells proposed in Ramboll's April 16, 2024, *Supplemental NR 716 Site Investigation Work Plan*) will be used as two of the three boring/wells to triangulate the UST oil sheen impact.

evidence of contamination will be recorded on boring logs. Up to two vadose zone soil samples will be collected from each boring, one soil sample will be collected from the direct contact zone (approximately 0 to 4 feet bgs) and a second soil sample will be collected from the depth interval exhibiting the greatest evidence of impacts (if no appreciable impact is detected, then the second soil sample will be collected from the depth interval just above the apparent groundwater table or from the boring terminus if groundwater is not encountered). All non-disposable sampling equipment in contact with soils will be decontaminated before use at each boring location.

4.2.3 Temporary Groundwater Monitoring Well Installation, Developing and Sampling

The temporary monitoring wells will be installed by placing 1-inch diameter polyvinyl chloride (PVC) temporary well screens (0.01-inch slot size) directly into the open borings to collect groundwater samples. Before groundwater sampling, depth-to-groundwater measurements will be made using an electronic water level sensor (accuracy 0.01 foot). The depth of groundwater, as well as the total well depth[5], will be recorded[6]. Before groundwater sampling, the temporary groundwater monitoring wells will be purged to remove residual materials remaining in the wells after installation and establish the natural subsurface hydraulic flow conditions, which have been disturbed by the boring process and temporary well placement activities.

The monitoring wells will be sampled using low-flow groundwater sampling techniques. polyethylene tubing and a water quality meter with a flow-through cell. If a well does not support low-flow sampling, the well will be sampled with a 0.75-inch polyethylene single-use bailer with a bottom emptying device.

4.3 Soil Boring/Temporary Well Abandonment

Each soil boring and temporary well will be abandoned after soil and groundwater sampling activities are completed. The temporary well screens will be completely removed from the borings. The borings will be abandoned by filling the borings with 3/8-inch chipped bentonite swelling clay. Each boring will be filled to the surface and the bentonite chips will be tamped down with a drilling rod to ensure that there is no settling. The boring abandonment documentation will be submitted to the WDNR within 60 days of the abandonment.

4.4 Investigation-Derived Waste Management

Soil cuttings, purge water, and decontamination water generated during site investigation activities will be contained in properly labeled Department of Transportation-compliant 55-gallon drums. The drums will be staged and secured on-site until the waste is profiled and properly disposed of at a licensed recycling and disposal facility. The waste disposal documentation will be provided in the forthcoming oil-sheens site investigation report.

4.5 Reporting

After completing the soil and groundwater sampling activities detailed in this Work Plan, Ramboll will prepare an NR 716 Supplemental Site Investigation Report (Oil-sheens) Addendum. The report will include the "oil-sheens" investigation purpose and objectives, a site description, site history, site sampling plan, field sampling and analysis, contaminant assessment and characterization, health and environmental risk assessment, data interpretation, and Ramboll's findings and recommendations.

[5] The length of temporary well riser above ground surface will be measured to calculate depth to groundwater BGS.

[6] Note that groundwater equilibrium may not be achieved due to collecting groundwater samples the same day as well installation activities.

Ramboll will include a WDNR review fee for the supplemental site investigation addendum. Ramboll will also submit all laboratory results to the WDNR within 10 days of receipt of the analytical data according to WAC NR 716.14(2). Ramboll will include a "technical assistance" review fee along with this Work Plan to 1get the WDNR's approval before executing the activities described herein.

4.6 Schedule

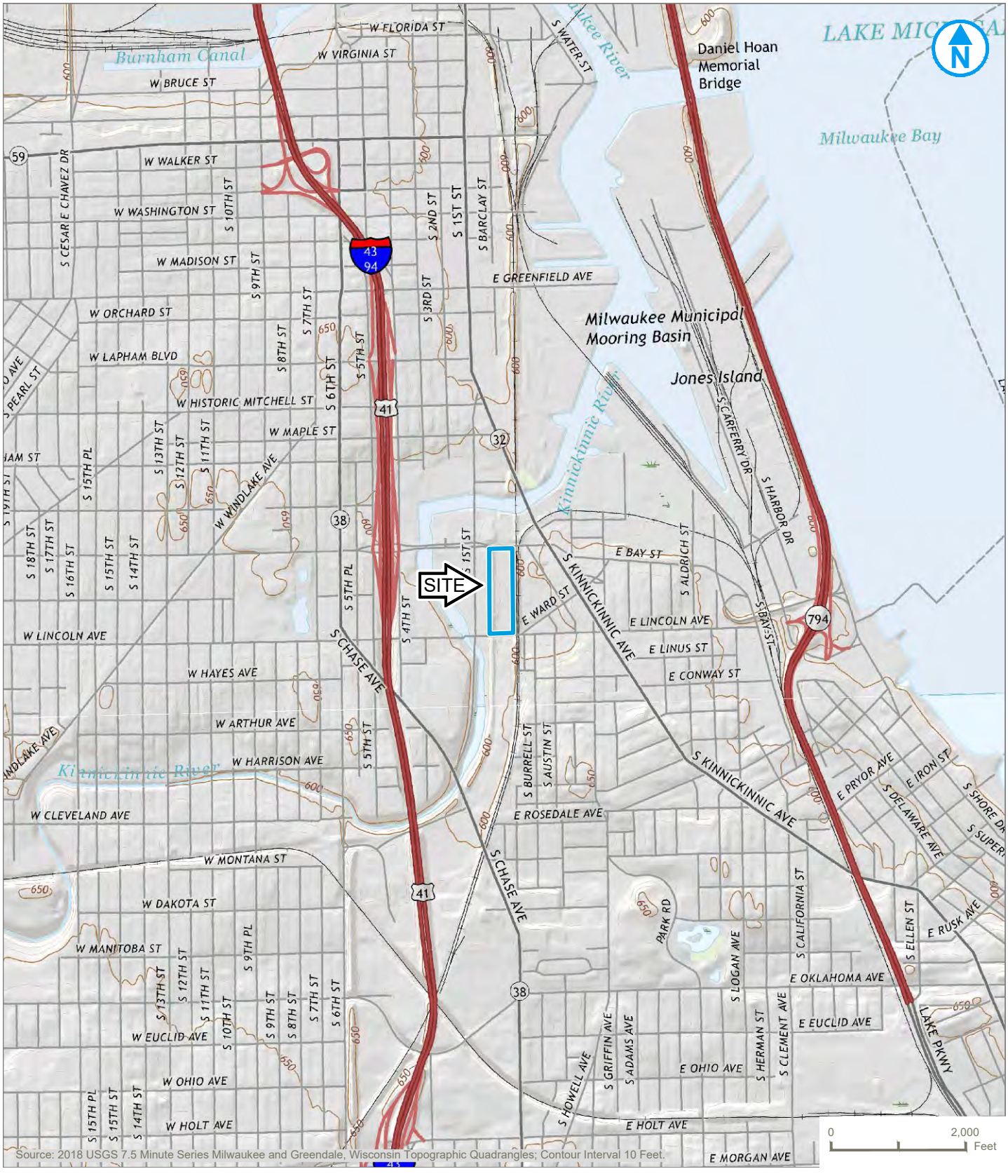
The following schedules are based on Bear's current construction plan. Ramboll will initiate the monitoring well installation and groundwater sampling activities after Bear has completed the new grade of the site, estimated July 2024. Ramboll estimates that the oil-sheens site investigation report will be submitted to the WDNR in September 2024.

5. REFERENCES

Ramboll Americas Engineering Solutions, Inc., *716 Site Investigation Report and Remedial Action Options Report*, 02/24/2022.

Ramboll Americas Engineering Solutions, Inc., 716 Site Investigation Report and Updated Remedial Action Options Report, 02/01/2023.

FIGURES



C:\Users\hjward\Desktop\WIP\1690022563_Bear_PHI\01_Site Location Map (Milwaukee WI).dwg

PROJECT: 1690022563 DATED: 7/23/2021 DESIGNER: HJW

KEY MAP

Map Scale: 1:24,000
Map Center: 43°0'17.6868", -87°54'34.6824"

SITE LOCATION MAP

FS APARTMENTS, LLC
147 EAST BECHER STREET
MILWAUKEE, WISCONSIN

FIGURE 1

Ramboll Americas Engineering Solutions, Inc.

RAMBOLL

RMAZURKIEWICZ 3/6/24 C:\USERS\RMAZURKIEWICZ\DESKTOP\BECHER CAD LOCAL < SITE MAP (BEAR BECHER ST) 04-14-2023 >

LEGEND

- FILER & STOWELL SITE BOUNDARY (APPROXIMATE)
- PROPERTY BOUNDARY (APPROXIMATE)
- TO BE DEMOLISHED
- TW-1 — BORING/ABANDONED TEMPORARY MONITORING WELL LOCATION
- MW-1 — ABANDONED NR 141 GROUNDWATER MONITORING WELL
- B-1 — SOIL BORING LOCATION
- 1 — CONCRETE TEST PIT LOCATION
- 14 — SOIL REUSE SAMPLE LOCATION
- MW-1 — SUB-SLAB SOIL VAPOR SAMPLING LOCATIONS
- CATCH BASIN
- DRAIN
- MANHOLE COVERS
- VAULT
- PIPE

New Barons Brewing Coop, Twisted Path Distillery, Beer City Screen Printing)

Boat Storage

BP AMOCO

E Becher St

Wheel & Sprocket

S Robinson Avenue

Railroad

Restaurant Depot

Former Industrial Property

Multi-Tenent Apartments

S 1st Street

Staffing Partners

Former Industrial Property

Kinnickinnic River

W Lincoln Avenue

MKE Urban Stables

SITE FEATURES:
1. GARAGE (BUILDING A-1)
2. FOUR-STORY OFFICE BUILDING (BUILDING D-1)
3. INTEGRATED TOOL & MACHINE BUILDING (D-2)
4. SAW MILL BUILDING (C-1)
5. PAINT AND SAND BLAST BOOTHS
6. STORAGE BUILDING (BUILDING C-3)
7. FORMER FORGE BUILDING (BUILDING C-4)
8. BOAT STORAGE
9. FORMER BOAT MAINTENANCE AREA (BUILDING B-3)
10. POWER HOUSE (BUILDING A-3 THROUGH A-6)
11. PATTERN STORAGE (BUILDING A-2)
12. OFFICE (BUILDING B-7)
13. TREE/LOG STORAGE AREA

0 120
SCALE IN FEET

SITE LAYOUT

FS APARTMENTS, LLC
147 East Becher Street
Milwaukee, Wisconsin 53207

RAMBOLL

FIGURE 2

DRAFTED BY: RPM | DATE: 03/05/2024 | 1690023383_Conv

RMAZURKIEWICZ 3/6/24 C:\USERS\RMAZURKIEWICZ\DESKTOP\BECHER CAD LOCAL < SITE MAP (BEAR BECHER ST) 04-14-2023 >

LEGEND

- SITE BOUNDARY (APPROXIMATE)
- PROPERTY BOUNDARY (APPROXIMATE)
- PROPOSED NEW BUILDINGS
- PROPOSED ELEVATOR
- PROPOSED STAIRWELL
- 7L BUILDING DESIGNATION

New Barons Brewing Coop, Twisted Path Distillery, Beer City Screen Printing)

Boat Storage

BP AMOCO

E Becher St

Restaurant Depot

Former Industrial Property

Wheel & Sprocket

S Robinson Avenue

S 1st Street

Railroad

Multi-Tenent Apartments

Staffing Partners

Former Industrial Property

Kinnickinnic River

W Lincoln Avenue

MKE Urban Stables

7L
8L
6B
5B
3B
4B
2L
1L

PROPOSED BUILDING A.1 F.F.E 592.58
PROPOSED BUILDING A.2 F.F.E 592.58
PROPOSED BUILDING B F.F.E 592.58
PROPOSED BUILDING A.4 F.F.E 592.58
PROPOSED BUILDING A.3 F.F.E 592.58

0 120
SCALE IN FEET

NOTE:
Eight Buildings Total
Five Floors Each Building
576 Total Complex Units
20 Ground Floor Parking Bldg. Type A
33 Ground Floor Parking Bldg. Type B
400 Total Parking
Approximately 156,800 square feet complex total under roof.

NEW BUILDING PLAN

FS APARTMENTS, LLC
147 East Becher Street
Milwaukee, Wisconsin 53207

RAMBOLL

FIGURE 3

DRAFTED BY: RPM | DATE: 03/06/2024 | 1690023383_Conv

LEGEND

- FILER & STOWELL SITE BOUNDARY (APPROXIMATE)
- PROPERTY BOUNDARY (APPROXIMATE)
- OLD BLDGS -TO BE DEMOLISHED
- TW-1 — BORING/ABANDONED TEMPORARY MONITORING WELL LOCATION
- MW-1 — ABANDONED NR 141 GROUNDWATER MONITORING WELL
- B-1 — SOIL BORING LOCATION
- 1 — CONCRETE TEST PIT LOCATION
- 14 — SOIL REUSE SAMPLE LOCATION
- MW-1 — SUB-SLAB SOIL VAPOR SAMPLING LOCATIONS
- CATCH BASIN
- DRAIN
- MANHOLE COVERS
- VAULT
- PIPE
- MW-8 — PROPOSED GROUNDWATER MONITORING WELL (PFAS & 1,4-Dioxane)
- PROPOSED TEMPORARY GROUNDWATER MONITORING WELL (Oil Sheen)
- X — EXCAVATION GRAB SOIL SAMPLE
- PROPOSED NEW BUILDING LOCATIONS
- 1 — OIL-SHEEN LOCATION

New Barons Brewing Coop, Twisted Path Distillery, Beer City Screen Printing)

Boat Storage

BP AMOCO

E Becher St

Wheel & Sprocket

S Robinson Avenue

Industrial Property

Railroad

Multi-Tenent Apartments

Former Industrial Property

Staffing Partners

S 1st Street

Kinnickinnic River

W Lincoln Avenue

MKE Urban Stables

MW-9, MW-8, MW-6, MW-10, MW-4, MW-5, MW-7, MW-11

TW-1, TW-2, TW-3, TW-4, TW-5, TW-6, TW-7, TW-8, TW-9, TW-10, TW-11, TW-12, TW-13, TW-14, TW-15, TW-16, TW-17, TW-18, TW-19, TW-20, TW-21, TW-22, TW-23, TW-24

B-1, B-2, B-3

DB-15

oily sheen

12 Pit (8-9)

C Pit (5-6)

B3 Pit (5-6)

C-1 Pit (4-5)

Former 575-Gallon UST

Inset

0 120

SCALE IN FEET

SITE FEATURES:

1. GARAGE (BUILDING A-1)
2. FOUR-STORY OFFICE BUILDING (BUILDING D-1)
3. INTEGRATED TOOL & MACHINE BUILDING (D-2)
4. SAW MILL BUILDING (C-1)
5. PAINT AND SAND BLAST BOOTHS
6. STORAGE BUILDING (BUILDING C-3)
7. FORMER FORGE BUILDING (BUILDING C-4)
8. BOAT STORAGE
9. FORMER BOAT MAINTENANCE AREA (BUILDING B-3)
10. POWER HOUSE (BUILDING A-3 THROUGH A-6)
11. PATTERN STORAGE (BUILDING A-2)
12. OFFICE (BUILDING B-7)
13. TREE/LOG STORAGE AREA

OIL SHEEN LOCATIONS

FS Apartments, LLC
147 E Becher Street
Milwaukee, Wisconsin 53207

RAMBOLL

FIGURE 4

DRAFTED BY: RPM	DATE: 04/15/2024	1690023383_Conv

TABLES

TABLE 1
VOCs in Soil
FS Apartments, LLC
147 East Becher Street, Milwaukee, Wisconsin
Ramboll Project 1690023383

Sample ID	Date	PID (ppm tl VOCs)	Soil Type*	Benzene	Ethylbenzene	Toluene	Xylene (Total)	Naphthalene	Isopropyl-benzene (Cumene)	n-Butyl-benzene	sec-Butyl-benzene	p-Isopropyl-toluene	n-Propyl-benzene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	1,1-Dichloroethane	1,1,1-Trichloroethane
SB-1 (1-2)	9/20/2021	0.8	Fill Sand	<12.9	<12.9	28.9 J	55.6 J	54.3 J	<14.6	<24.8	<13.2	<16.5	<13.0	24.0 J	<17.5	<13.9	<13.9
SB-1 (6-7)	9/20/2021	0.0	Fill-Sand	<12.9	<12.9	34.3 J	70.8 J	65.6 J	<14.6	<24.8	<13.2	<16.5	<13.0	26.0 J	<17.5	<13.9	<13.9
SB-1 (13-14)	9/20/2021	0.0	Silty Clay	<15.6	<15.6	<16.6	<47.4	<20.5	<17.7	<30.1	<16.0	<20.0	<15.8	<19.6	<21.2	<16.8	<16.8
SB-2 (1-2)	9/20/2021	0.1	Fill-Sand	<12.6	<12.6	25.6 J	67.1 J	76.9 J	<14.3	<24.3	<13.0	<16.1	<12.7	31.7 J	<17.1	<13.6	<13.6
SB-2 (5-6)	9/20/2021	0.0	Fill-Sand	<13.9	<13.9	<14.7	<42.2	<18.2	<15.8	<26.8	<14.3	<17.8	<14.0	<17.4	<18.8	<15.0	<15.0
SB-3 (1-2)	9/20/2021	0.0	Fill-Sand	<13.5	<13.5	17.0 J	<41.0	47.6 J	<15.3	<26.0	<13.9	<17.3	<13.6	<16.9	<18.3	<14.5	<14.5
SB-3 (5-6)	9/20/2021	0.0	Fill-Sand	<13.8	<13.8	<14.6	<41.7	52.3 J	<15.6	<26.5	<14.1	<17.6	<13.9	37.2 J	<18.6	<14.8	<14.8
SB-4 (1-2)	9/20/2021	0.0	Fill-Sand	<13.4	17.4 J	64	100 J	93.1 J	<15.2	<25.8	<13.8	<17.1	17.2 J	31.1 J	<18.2	<14.4	<14.4
SB-4 (4-5)	9/20/2021	0.0	Fill-Sandy, Clayey Silt	<15.1	<15.1	<16.0	<45.8	<19.8	<17.1	<29.1	<15.5	<19.3	<15.2	<18.9	<20.4	<16.2	<16.2
SB-5 (1-2)	9/20/2021	0.0	Fill-Sand	<13.6	<13.6	14.9 J	53.3 J	98.2 J	<15.5	<26.2	<14.0	<17.4	<13.7	23.1 J	<18.4	<14.7	<14.7
SB-5 (12-13)	9/20/2021	0.0	Fill-Silty Sand	<14.6	<14.6	<15.5	<44.3	<19.1	<16.6	<28.1	<15.0	<18.6	<14.7	<18.3	<19.7	<15.7	<15.7
SB-6 (2-3)	9/20/2021	9.5	Peat	<14.7	<14.7	<15.6	<44.6	373	<16.7	<28.3	<15.1	<18.8	<14.8	<18.4	<19.9	<15.8	<15.8
SB-6 (4-5)	9/20/2021	10.8	Silty Clay	<17.6	23.7 J	30.5 J	<53.5	75.4 J	<20.0	<33.9	<18.1	<22.5	<17.8	<22.1	<23.9	<19.0	<19.0
SB-6 (11-12)	9/20/2021	1.0	Silty Sand w/ small shells	<20.8	<20.8	<22.0	<63.0	<27.2	<23.6	<40.0	<21.3	<26.5	<20.9	<26.0	<28.1	<22.3	<22.3
SB-7 (1-2)	9/20/2021	0.2	Fill-Sand	**19.8 J[c]**	32.1 J	133	248	132 J	21.4 J	<31.0	<16.5	<20.5	28.1 J	75	25.4 J	<17.3	50.3 J
SB-7 (4-5)	9/20/2021	1.8	Fill-Clay & Silt	<15.8	<15.8	31.6 J	57.0 J	<20.7	<17.9	<30.4	<16.2	<20.2	<15.9	<19.8	<21.4	27.8 J	37.7 J
SB-8 (2-3)	9/20/2021	10.3	Fill-Sand	<14.2	553	37.4 J	507	**1,230[c]**	156	141	60	81	273	707	275	<15.3	<15.3
SB-8 (4-5)	9/20/2021	87.6	Fill-Sand	<12.9	<12.9	34.3 J	70.8 J	29.2 J	<14.6	<24.8	<13.2	<16.5	<13.0	26.0 J	<17.5	<13.9	<13.9
SB-8 (14-15)	9/20/2021	0.0	Silt	<21.3	<21.3	<22.6	<64.7	<28.0	<24.2	<41.0	<21.9	<27.2	<21.5	<26.7	<28.9	<22.9	<22.9
SB-9 (1-2)	9/20/2021	6.6	Fill-Sand	**41.2[c]**	27.4 J	137	181 J	80.2 J	<18.3	<31.1	<16.6	<20.6	18.6 J	59.9 J	27.3 J	<17.4	<17.4
SB-9 (4-5)	9/20/2021	0.2	Fill-Sand	<18.2	<18.2	<19.2	<55.1	<23.8	<20.6	<35.0	<18.6	<23.2	<18.3	<22.7	<24.6	<19.5	<19.5
SB-10 (1-2)	9/21/2021	0.0	Fill-Sand	<14.7	<14.7	<15.6	<44.7	<19.3	<16.7	<28.4	<15.1	<18.8	<14.9	<18.5	<19.9	<15.9	<15.9
SB-10 (4-5)	9/21/2021	0.0	Fill-Sand	<14.6	<14.6	<15.5	<44.4	<19.2	<16.6	<28.2	<15.0	<18.7	<14.8	<18.3	<19.8	<15.8	<15.8
SB-11 (1-2)	9/21/2021	0.0	Fill-Sand	**28.4[c]**	42.0 J	183	398	234 J	42.1 J	<30.4	23.1 J	<20.2	46.9 J	136	39.4 J	<17.0	<17.0
SB-11 (5-6)	9/21/2021	0.0	Fill-Silty Sand	<16.8	<16.8	<17.8	<50.9	<22.0	<19.1	<32.3	<17.2	<21.5	<16.9	<21.0	<22.7	<18.1	<18.1
SB-12 (1-2)	9/21/2021	0.0	Fill-Silty sand	<15.1	<15.1	20.0 J	54.8 J	33.0 J	<17.1	<29.1	<15.5	<19.3	<15.2	32.8 J	<20.4	<16.3	67
SB-12 (4-5)	9/21/2021	0.1	Fill-Sand	<13.7	<13.7	<14.6	<41.7	<18.0	<15.6	<26.4	<14.1	<17.6	<13.9	<17.2	<18.6	<14.8	<14.8
SB-13 (1-2)	9/21/2021	0.0	Fill-Sand	<15.2	23.3 J	86	186 J	107 J	<17.3	<29.3	<15.6	<19.5	15.6 J	61.5 J	22.8 J	<16.4	<16.4
SB-13 (5-6)	9/21/2021	0.0	Fill-Sand	<16.2	<16.2	<17.1	<49.0	<21.2	<18.3	<31.1	<16.6	<20.6	<16.3	<20.2	<21.9	<17.4	<17.4
B-1 (1-3)	11/22/2021	0.1	Fill-Sand	<14.1	<14.1	22.6 J	93.9 J	73.3 J	<16.0	36.2 J	24.7 J	20.7 J	17.6 J	83.2	58.6 J	<15.2	<15.2
B-2 (1-3)	11/22/2021	0.2	Fill-Sand	<11.9	<11.9	<12.6	<36.1	<15.6	<13.5	<22.9	<12.2	<15.2	<12.0	<14.9	<16.1	<12.8	<12.8
B-3 (1-3)	11/22/2021	0.1	Fill-Sand	<14.9	<14.9	53.4 J	108 J	75.6 J	<16.9	<28.7	<15.3	<19.0	<15.0	38.9 J	24.9 J	<16.0	<16.0
MW-5 (2-4)	11/22/2021	0.3	Fill-Sand	<15.1	<15.1	30.1 J	32.3 J	40.2 J	<17.2	<29.1	<15.5	<19.3	<15.3	<19.0	<20.5	<16.3	<16.3
TW-14 (2-3)	1/25/2022	0.5	Fill-Sand	**45.1[c]**	47.4 J	256	479	229 J	<17.4	<29.4	<15.7	<19.5	24.6 J	126	26.6 J	<16.5	<16.5
TW-14 (4-5)	1/25/2022	0.2	Fill-Sand	<15.3	<15.3	<16.2	<46.4	20.1 J	<17.4	<29.5	<15.7	<19.5	<15.4	<19.2	<20.7	<16.5	<16.5
Direct Contact [1]	Non-Industrial [a]			**1,600**	**8,020**	**818,000**	**260,000**	**5,520**	**268,000**	**108,000**	**145,000**	**162,000**	**NS**	**219,000**	**182,000**	**5,060**	**640,000**
	Industrial [b]			**7,070**	**35,400**	**818,000**	**260,000**	**24,100**	**268,000**	**108,000**	**145,000**	**162,000**	**NS**	**219,000**	**182,000**	**22,200**	**640,000**
	Groundwater Pathway [c]			**5.1**	**1,570**	**1,107**	**3,960**	**658.2**	**NS**	**NS**	**NS**	**NS**	**NS**	**1,380[d]**		**483.4**	**140.2**

TABLE 1
VOCs in Soil
FS Apartments, LLC
147 East Becher Street, Milwaukee, Wisconsin
Ramboll Project 1690023383

Sample ID	Date	PID (ppm tl VOCs)	Soil Type*	Benzene	Ethylbenzene	Toluene	Xylene (Total)	Naphthalene	Isopropyl-benzene (Cumene)	n-Butyl-benzene	sec-Butyl-benzene	p-Isopropyl-toluene	n-Propyl-benzene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	1,1-Dichloroethane	1,1,1-Trichloroethane
DB-1 (1-3)	3/29/2023	0.0	Fill-Sand	<15.7	18.5 J	40.9 J	171 J	90.0 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-1 (3-5)	3/29/2023	0.0	Fill-Sand	<19.9	<19.9	21.4 J	<60.5	37.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-2 (1-3)	3/29/2023	0.6	Fill-Sand	<16.6	<16.6	32.5 J	124 J	64.5 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-2 (3-5)	3/29/2023	1.0	Fill-Sand	<14.9	<14.9	23.4 J	<45.2	33.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-3 (1-3)	3/29/2023	0.0	Fill-Sand	<21.7	<21.7	<23.0	<65.8	<28.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-3 (3-5)	3/29/2023	0.8	Fill-Sand	<16.5	<16.5	28.1J	<50.1	<21.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-4 (1-3)	3/29/2023	0.2	Fill-Sand	<14.4	<14.4	<15.2	<43.6	27.0J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-4 (3-5)	3/29/2023	0.0	Fill-Sand	<17.1	<17.1	<18.1	<51.8	<22.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-5 (1-3)	3/29/2023	0.0	Fill-Sand	<14.2	<14.2	16.2 J	<43.0	28.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-5 (3-5)	3/29/2023	0.1	Fill-Sand	<16.1	<16.1	<17.0	<48.7	<21.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-6 (1-3)	3/29/2023	0.0	Fill-Sand	<16.3	<16.3	20.2 J	<49.5	22.4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-6 (3-5)	3/29/2023	0.0	Fill-Sand	<17.5	<17.5	<18.6	<53.2	<23.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-7 (1-3)	3/29/2023	0.0	Fill-Sand	<15.8	24.6 J	54.0 J	124 J	130 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-7 (3-5)	3/29/2023	0.5	Fill-Sand	<15.6	<15.6	<16.5	<47.3	<20.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-8 (1-3)	3/29/2023	1.0	Fill-Sand	<20.9	<20.9	<22.1	<63.3	<27.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-8 (3-5)	3/29/2023	0.1	Fill-Sand	<17.1	<17.1	<18.1	<51.9	<22.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-9 (1-3)	3/29/2023	1.5	Fill-Sand	<16.6	22.5 J	60.4 J	221	147 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-9 (3-5)	3/29/2023	16.0	Fill-Sand	<17.8	<17.8	<18.9	<54.0	<23.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-10 (1-3)	3/29/2023	22.8	Fill-Sand	**20.7 J[c]**	<14.0	39.3 J	<42.5	37.5 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-10 (3-5)	3/29/2023	5.8	Fill-Sand	<17.9	<17.9	<19.0	109 J	94.0 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-13 (1-3)	3/29/2023	0.0	Fill-Sand	<15.7	<15.7	50.3 J	96.3 J	62.5 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-13 (3-5)	3/29/2023	0.0	Fill-Sand	<15.9	<15.9	<16.8	<48.2	<20.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-14 (1-3)	3/29/2023	0.0	Fill-Sand	<14.0	<14.0	<14.8	<42.5	<18.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-14 (3-5)	3/29/2023	0.0	Fill-Sand	<15.3	<15.3	<16.2	<46.4	<20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-15 (1-3)	3/29/2023	0.4	Fill-Sand	<15.1	<15.1	30.9 J	70.3 J	32.0 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-15 (3-5)	3/29/2023	0.5	Fill-Sand	<13.4	<13.4	<14.2	<40.5	<17.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
12-PIT (8-9) (Bldg. 3)	3/13/2024	0.5	Fill-Sand	<15.1	<15.1	<16.0	<45.9	<26.8	<17.2	<29.1	<21.8	<21.6	<15.3	<19.0	<20.5	<16.3	<16.3
C1-PIT (4-5) (Bldg. 4)	3/20/2024	0.5	Fill-Sand	**34.1 J[c]**	35.4 J	178	458	308 J	<24	<40.6	<30.5	<30.2	26.0 J	175	55.1 J	<22.7	<22.7
B3-PIT (5-6) (Bldg. 9)	3/26/2024	0.0	Fill-Sand	<13.9	<13.9	<14.7	<42.1	<24.5	<15.7	<26.7	<20.0	<19.8	<14.0	<17.4	<18.8	<14.9	<14.9
UST-1 (4)*	4/17/2024	0.0	Fill-Sand	<20.3	44.0 J	81.9 J	355	102 J	<23.0	<39.0	<29.2	<29.0	<20.4	44.5 J	<27.4	<21.8	<21.8
SW-01 (4)*[a]	4/17/2024	0.0	Fill-Sand	<19.4	<19.4	23.5 J	36.5 J	<34.4	<22.1	<37.4	<28.0	<27.8	<19.6	<24.3	<26.3	<20.9	<20.9
SW-02 (4)*[b]	4/17/2024	0.0	Fill-Sand	<17.7	30.5 J	71.1 J	281	86.3 J	<20.1	<34.0	<25.5	<25.3	<17.8	29.4 J	<23.9	<19.0	<19.0
SW-03 (4)*[c]	4/17/2024	0.0	Fill-Sand	<18.1	30.9 J	26.6 J	182 J	<32.0	<20.6	<34.9	<26.1	<25.9	<18.3	<22.7	<24.5	<19.5	<19.5
Direct Contact [1]	Non-Industrial [a]			**1,600**	**8,020**	**818,000**	**260,000**	**5,520**	**268,000**	**108,000**	**145,000**	**162,000**	**NS**	**219,000**	**182,000**	**5,060**	**640,000**
	Industrial [b]			**7,070**	**35,400**	**818,000**	**260,000**	**24,100**	**268,000**	**108,000**	**145,000**	**162,000**	**NS**	**219,000**	**182,000**	**22,200**	**640,000**
	Groundwater Pathway [c]			**5.1**	**1,570**	**1,107**	**3,960**	**658.2**	**NS**	**NS**	**NS**	**NS**	**NS**	**1,380[d]**		**483.4**	**140.2**

Notes:

Soil volatile organic compound concentrations are reported in micrograms per kilogram (ug/kg).
Depth of soil in feet below ground surface indicated in parentheses in sample name.
Methylene Chloride was detected in sample TW-14 (4-5), Methylene Chloride is a common lab contaminant.
PID = Photoionization Detector.
TMB - Trimethylbenzene.
Bold value = NR 720 RCL Exceedance.
1 - Direct Contact, defined as soils existing between 0 and 4 feet below ground surface.
NA = Analyte not analyzed.
NM = Not measured.

a Analyte exceeds WAC NR Ch. 720 Non Industrial Direct Contact pathway (December 2018).
b Analyte exceeds WAC NR Ch. 720 Industrial Direct Contact pathway (December 2018).
c Analyte exceeds WAC NR Ch. 720 groundwater protection pathway (December 2018).
d Value is for 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene (combined).
J = Laboratory flag indicating that the result reported is between the Method Detection Limit and Limit of Quantitation (an uncertain or estimated result).
* = Former UST-1 west sidewall sample (source area characterization sample-sampled for VOCs, PAHs, RCRA Metals, and PCBs).
*[a] = Former UST-1 south sidewall sample (UST assessment sample-sampled for VOCs only).
*[b] = Former UST-1 west sidewall sample (UST assessment sample-sampled for VOCs only). Duplicate of UST-1 (4) sample.
*[c] = Former UST-1 north sidewall sample (UST assessment sample-sampled for VOCs only).
No former UST east sidewall sample collected, 6-inch thick vertical concrete containment wall running north-south along east side of former tank (extending 0.5-foot above top of tank and to bottom of tank). No UST assessment bottom sample collected (UST bottom at 6 feet below grade and groundwater at 4.5 feet below grade).

TABLE 2
PAHs in Soil
FS Apartments, LLC
147 East Becher Street, Milwaukee, Wisconsin
Ramboll Project 1690023383

Sample ID	Date	PID (ppm tl VOCs)	Soil Type*	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(g,h,i)-perylene	Benzo(k)-fluoranthene	Chrysene	Dibenz-(a,h)-anthracene	Fluoranthene	Fluorene	Indeno-(1,2,3-cd)-pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phen-anthrene	Pyrene
SB-1 (1-2)	9/20/2021	0.8	Fill Sand	23.4	8.2 J	50.5	261	**346**[a]	**479**[c]	301	172	**284**[c]	75.6	481	15.8 J	243	36	44	28	297	362
SB-1 (6-7)	9/20/2021	0.0	Fill-Sand	19.1	6.7 J	17.5	56.6	70.3	103	67	33	64.4	15.5 J	101	23	52.8	116	179	47	125	88
SB-1 (13-14)	9/20/2021	0.0	Silty Clay	<2.5	<2.4	2.4 J	<2.5	2.6 J	4.5 J	6.9 J	<2.5	12.8 J	<2.7	5.5 J	2.4 J	<4.0	<2.8	<2.8	<1.9	4.7 J	5.9 J
SB-2 (1-2)	9/20/2021	0.1	Fill-Sand	13.3 J	7.1 J	43.2	185	**217**[a]	340	141	101	**196**[c]	38.8	411	11.8 J	127	12.2 J	15.1 J	14.2 J	187	299
SB-2 (5-6)	9/20/2021	0.0	Fill-Sand	41.8	9.1 J	79.9	159	144	192	94	58	**161**[c]	24.8	401	35	77.2	117	139	81	555	338
SB-3 (1-2)	9/20/2021	0.0	Fill-Sand	16.0 J	28.2 J	83.3	321	**346**[a]	**532**[c]	213	185	**347**[c]	66.5	697	14.5 J	191	44	58	57	328	501
SB-3 (5-6)	9/20/2021	0.0	Fill-Sand	8.6 J	12.4 J	31.7	105	115	171	101	55	116	25.9	201	8.4 J	75.6	54	72	46	160	171
SB-4 (1-2)	9/20/2021	0.0	Fill-Sand	18.1	43	94.6	249	**266**[a]	**487**[c]	183	120	**301**[c]	56.2	560	15.6 J	155	82	117	89	411	431
SB-4 (4-5)	9/20/2021	0.0	Fill-Sandy, Clayey Silt	<2.5	<2.4	<2.3	4.1 J	2.5 J	4.3 J	<3.3	<2.4	4.0 J	<2.6	5.7 J	<2.3	<3.9	<2.8	<2.8	<1.8	5.1 J	4.5 J
SB-5 (1-2)	9/20/2021	0.0	Fill-Sand	158 J	58.7 J	516	**1,280**[a]	**1,170**[a,c]	**1,680**[a,c]	666	606	**1,400**[c]	**202 J**[a]	3,480	180 J	603	89.2 J	104 J	153 J	2,580	2,300
SB-5 (12-13)	9/20/2021	0.0	Fill-Silty Sand	<2.4	<2.3	6.7 J	9.1 J	5.6 J	7.3 J	3.8 J	3.2 J	8.7 J	<2.6	19	<2.2	<3.9	<2.7	<2.7	<1.8	19	13.8 J
SB-6 (2-3)	9/20/2021	9.5	Peat	158 J	<118	465 J	**4,500**[a]	**3,990**[a,b,c]	**8,080**[a,c]	3,340	2,220	**6,530**[c]	**1,020**[a]	7,910	<112	**2,700**[a]	<136	142 J	295 J	2,170	5,560
SB-6 (4-5)	9/20/2021	10.8	Silty Clay	43.4 J	<26.1	158 J	1,240	**1,310**[c]	**2,580**[c]	863	780	**1,580**[c]	298	2,020	31.3 J	756	131 J	154 J	181 J	754	1,610
SB-6 (11-12)	9/20/2021	1.0	Silty Sand w/ sml shells	<3.0	<2.9	<2.8	<3.0	<2.6	<3.2	<4.0	<2.9	<4.3	<3.2	7.6 J	<2.7	<4.8	<3.3	<3.3	<2.2	7.3 J	5.7 J
SB-7 (1-2)	9/20/2021	0.2	Fill-Sand	<51.0	69.3 J	254 J	938	**838**[a,c]	**1,620**[a,c]	628	504	**1,120**[c]	**221 J**[a]	1,790	51.7 J	560	530	650	518	1,380	1,290
SB-7 (4-5)	9/20/2021	1.8	Fill-Clay & Silt	7.2 J	11.1 J	50.5	113	78.7	137	72	26	**218**[c]	23.0	173.0	15.3 J	43.5	291	445	238	402	140
SB-8 (2-3)	9/20/2021	10.3	Fill-Sand	44.9 J	21.8 J	106	724	**945**[a,c]	**1,520**[a,c]	580	477	**894**[c]	**193**[a]	1,290	33.7 J	509	129	168	162	561	1,010
SB-8 (4-5)	9/20/2021	87.6	Fill-Sand	19.1	6.7 J	18	57	29.2 J	103	67	33	64.4	15.5 J	101	23	52.8	116	179	159	125	88
SB-8 (14-15)	9/20/2021	0.0	Silt	<3.0	<2.9	<2.9	<3.0	<2.6	<3.2	<4.1	<3.0	<4.4	<3.2	<2.8	<2.8	<4.9	<3.4	<3.4	<2.3	<2.7	<3.4
SB-9 (1-2)	9/20/2021	6.6	Fill-Sand	76.1 J	28.0 J	215	957	**1,110**[a,c]	**1,610**[a,c]	698	557	**1,160**[c]	**216**[a]	2,270	59.8 J	596	110 J	127 J	148 J	1,510	1,820
SB-9 (4-5)	9/20/2021	0.2	Fill-Sand	52.7	17.5 J	83.6	181	166	227	113	52.3	**240**[c]	45.9	194	98.3	76.7	187	297	152	493	175
SB-10 (1-2)	9/21/2021	0.0	Fill-Sand	<2.4	<2.4	<2.3	6.7 J	5.3 J	7.2 J	5.2 J	3.2 J	7.0 J	<2.6	9.3 J	<2.2	<3.9	3.1 J	3.9 J	2.9 J	10.7 J	9.5 J
SB-10 (4-5)	9/21/2021	0.0	Fill-Sand	<2.4	<2.3	<2.3	<2.4	<2.1	<2.6	<3.3	<2.4	<3.5	<2.6	2.3 J	<2.2	<3.9	<2.7	<2.7	<1.8	2.7 J	<2.7
SB-11 (1-2)	9/21/2021	0.0	Fill-Sand	65.1 J	27.4 J	108	399	**400**[a]	**606**[a]	287	238	573	88.3	629	29.5 J	234	751	851	534	905	682
SB-11 (5-6)	9/21/2021	0.0	Fill-Silty Sand	<2.6	<2.5	<2.5	<2.6	<2.3	<2.8	<3.5	<2.6	<3.8	<2.8	<2.4	<2.4	<4.2	<2.9	<2.9	<2.0	<2.3	<3.0
SB-12 (1-2)	9/21/2021	0.0	Fill-Silty sand	7.2 J	7.9 J	31	90.0	77.6	117	58	28	127	14.9 J	142	4.9 J	41.4	176	204	130	307	139
SB-12 (4-5)	9/21/2021	0.1	Fill-Sand	<2.3	<2.3	<2.2	5.2 J	2.8 J	4.6 J	3.4 J	<2.3	3.8 J	<2.5	4.7 J	<2.2	<3.7	2.7 J	2.9 J	2.2 J	6.8 J	4.4 J
SB-13 (1-2)	9/21/2021	0.0	Fill-Sand	91.3 J	130 J	159 J	941	**932**[a,c]	**1,660**[a,c]	796	717	**1,340**[c]	**243 J**[a]	1,490	48.2 J	649	1,000	1,170	781	1,220	1,280
SB-13 (5-6)	9/21/2021	0.0	Fill-Sand	<2.6	<2.5	4.9 J	10.6 J	7.0 J	10.5 J	5.1 J	3.1 J	18.2 J	<2.7	21	<2.4	<4.1	53	57	50	54	15.7 J
TW-14 (2-3)	1/25/2022	0.5	Fill-Sand	80.7 J	<24.1	163 J	935	**961**[a,c]	**1,580**[a,c]	788	552	**1,290**[c]	**241**[a]	1,760	33.2 J	596	442	486	381	805	1,420
TW-14 (4-5)	1/25/2022	0.2	Fill-Sand	193 J	<48.2	541	3,770	**3,860**[c]	**5,090**[c]	2,400	2,290	**4,890**[c]	**916**[a]	6,170	74.7 J	1,990	110 J	102 J	87.2 J	2,230	5,040
12-PIT (8-9) (Bldg. 3)	3/13/2024	0.5	Fill-Sand	<2.5	<2.4	<2.4	3.1 J	<2.2	<2.6	<3.3	<2.4	<3.6	<2.6	4.9 J	<2.3	<4.0	<2.8	<2.8	<1.8	3.8 J	3.7 J
C1-PIT (4-5) (Bldg. 4)	3/20/2024	0.5	Fill-Sand	34.4 J	29.2 J	84.4	262	342	415	262	155	**321**[c]	66.6 J	711	30.3 J	198	232	264	220	735	573
B3-PIT (5-6) (Bldg. 9)	3/26/2024	0.0	Fill-Sand	<2.3	<2.3	<2.2	4.1 J	5.0 J	9.1 J	6.6 J	3.4 J	5.0 J	<2.5	4.5 J	<2.2	4.2 J	<2.6	<2.6	<1.8	<2.1	3.7 J
UST-1 (4)	4/17/2024	0.0	Fill-Sand	80.3 J	32.4 J	242	**1,340**[a]	**1,890**[c]	**3,490**[c]	1,600	1,560	**1,940**[c]	**487**[a]	1,990	76.5 J	**1,420**[a]	235	306	302	1,200	1,600
Direct Contact [1]	Non-Industrial [a]			**3,590,000**	**NS**	**17,900,000**	**1,140**	**115**	**1,150**	**NS**	**11,500**	**115,000**	**115**	**2,390,000**	**2,390,000**	**1,150**	**17,600**	**239,000**	**5,520**	**NS**	**1,790,000**
	Industrial [b]			**45,200,000**	**NS**	**100,000,000**	**20,800**	**2,110**	**21,100**	**NS**	**211,000**	**2,110,000**	**2,110**	**30,100,000**	**30,100,000**	**21,100**	**72,700**	**3,010,000**	**24,100**	**NS**	**22,600,000**
	Groundwater Pathway [c]			**NS**	**NS**	**196,949**	**NS**	**470**	**478**	**NS**	**NS**	**144**	**NS**	**88,878**	**14,830**	**NS**	**NS**	**NS**	**658.2**	**NS**	**54,545**

Notes:
Soil volatile organic compound concentrations are reported in micrograms per kilogram (ug/kg).
bgs - Below ground surface.
Depth of soil in feet below ground surface indicated in parentheses in sample name.
PID = Photoionization Detector.
ppm tl VOCs = Parts per million total volatile organic compounds.
1 - Direct Contact, defined as soils existing between 0 and 4 feet below ground surface.
* Native soil is silty-clay with layers of fine to medium and coarse sand (Geotest Inc., Geotechnical Subsurface Investigation, July 16, 2021).
Bold value = NR 720 RCL Exceedance.
a Analyte exceeds WAC NR Ch. 720 Non Industrial Direct Contact pathway (December 2018).
b Analyte exceeds WAC NR Ch. 720 Industrial Direct Contact pathway (December 2018).
c Analyte exceeds WAC NR Ch. 720 groundwater protection pathway (December 2018).
NA - Parameter not analyzed.
NS - No established standard.
J = Laboratory flag indicating that the result reported is between the Method Detection Limit and Limit of Quantitation (an uncertain or estimated result).
NM = Not measured.

TABLE 3
RCRA Metals PCBs in Soil
FS Apartments, LLC
147 East Becher Street, Milwaukee, Wisconsin
Ramboll Project 1690023383

Sample ID	Date	Soil Type*	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Silver	PCB-1254 (Aroclor 1254)	PCB-1242 (Aroclor 1242)	PCB-1260 (Aroclor 1260)	PCBs Total
SB-1 (1-2)	9/20/2021	Fill Sand	4.1[a,b,c]	22.5	0.25 J	8	25	0.014 J	<0.32	<15.9		<15.9	<15.9
SB-1 (6-7)	9/20/2021	Fill-Sand	1.8 J[c]	15.8	<0.14	9.1	8.4	<0.0096	<0.31	<15.8		<15.8	<15.8
SB-1 (13-14)	9/20/2021	Silty Clay	4.2[c]	71.9	0.16 J	27.9	10	<0.011	<0.35	NA		NA	NA
SB-2 (1-2)	9/20/2021	Fill-Sand	5.4[a,b,c]	19.5	0.15 J	6.4	**63.7[c,d]**	0.032 J	<0.31	<15.7		<15.7	<15.7
SB-2 (5-6)	9/20/2021	Fill-Sand	2.2 J[c]	16.2	<0.14	6	4.6	0.031 J	<0.33	<16.5		<16.5	<16.5
SB-3 (1-2)	9/20/2021	Fill-Sand	2.8[a,c]	27.9	0.23 J	9.3	34.5[c]	0.019 J	<0.32	<16.3		<16.3	<16.3
SB-3 (5-6)	9/20/2021	Fill-Sand	2.0 J[c]	13.8	<0.14	5.5	9.5	0.057	<0.33	<16.4		<16.4	<16.4
SB-4 (1-2)	9/20/2021	Fill-Sand	2.7[a,c]	25.8	0.27 J	7.8	47.8[c]	0.050	<0.31	<16.2		<16.2	<16.2
SB-4 (4-5)	9/20/2021	Fill-Sandy, Clayey Silt	3.6[c]	41.8	0.23 J	20.6	12.5	0.047	<0.33	<17.3		<17.3	<17.3
SB-5 (1-2)	9/20/2021	Fill-Sand	4[a,b,c]	30.5	0.33 J	8.2	37.5[c]	0.035 J	<0.31	<16.4		<16.4	<16.4
SB-5 (12-13)	9/20/2021	Fill-Silty Sand	3.5[c]	37.2	0.27 J	16.4	11.3	<0.0099	<0.33	<17.0		<17.0	<17.0
SB-6 (2-3)	9/20/2021	Peat	7.9[a,b,c]	185[a]	<0.29	21.1	**194[c,d]**	0.019 J	0.95 J[c]	<17.1		<17.1	<17.1
SB-6 (4-5)	9/20/2021	Silty Clay	**20.4[c,d]**	84.2	0.51 J	25.7	**178[c,d]**	0.040 J	<0.35	<18.8		<18.8	<18.8
SB-6 (11-12)	9/20/2021	Silty Sand w/ sml shells	<2.0	29.5	<0.18	10.4	5.1	<0.013	<0.41	NA		NA	NA
SB-7 (1-2)	9/20/2021	Fill-Sand	**16.2[a,b,c,d]**	180[a]	0.99 J[c]	30.9	**256[c,d]**	0.5[c]	<0.70	18.6 J		19.4 J	37.9 J[c]
SB-7 (4-5)	9/20/2021	Fill-Clay & Silt	**11.5[c,d]**	44.9	0.17 J	13.8	**183[c,d]**	0.049	0.38 J	<17.7		<17.7	<17.7
SB-8 (2-3)	9/20/2021	Fill-Sand	6.2[a,b,c]	69.1	0.65	16.3	**178[c,d]**	0.29[c]	<0.33	30.6 J		<16.7	30.6 J[c]
SB-8 (4-5)	9/20/2021	Fill-Sand	1.8 J[c]	15.8	<0.14	9.1	8.4	29.2 J[c]	<0.31	<15.8		<15.8	<15.8
SB-8 (14-15)	9/20/2021	Silt	<1.9	104	0.58 J	25.2	10.1	<0.014	<0.40	NA		NA	NA
SB-9 (1-2)	9/20/2021	Fill-Sand	**22.2[a,b,c,d]**	**503[c,d]**	0.57 J	29.9	**354[c,d]**	0.19	1.6 J[c]	<17.8		<17.8	<17.8
SB-9 (4-5)	9/20/2021	Fill-Sand	**15.4[c,d]**	87.4	<0.32	25.5	**367[c,d]**	0.027 J	1.2 J[c]	<19.3		<19.3	<19.3
SB-10 (1-2)	9/21/2021	Fill-Sand	2.3 J[a,c]	18	<0.14	9	7	<0.011	<0.32	<17.1		<17.1	<17.1
SB-10 (4-5)	9/21/2021	Fill-Sand	2.2 J[c]	15	<0.14	7	5	<0.011	<0.32	<17.0		<17.0	<17.0
SB-11 (1-2)	9/21/2021	Fill-Sand	**10[a,b,c,d]**	79.5	0.62	18.1	**297[c,d]**	0.069	0.68 J	<17.8		<17.8	<17.8
SB-11 (5-6)	9/21/2021	Fill-Silty Sand	3.7[c]	65.3	0.15 J	22.5	10.7	0.013 J	<0.35	<18.3		<18.3	<18.3
SB-12 (1-2)	9/21/2021	Fill-Silty sand	**10.3[a,b,c,d]**	34.3	0.33 J	10.5	**98.5[c,d]**	0.076	<0.34	<17.3		<17.3	<17.3
SB-12 (4-5)	9/21/2021	Fill-Sand	5.8[c]	20.9	0.24 J	10.1	39.1[c]	0.032 J	0.33 J	<16.4		<16.4	<16.4
SB-13 (1-2)	9/21/2021	Fill-Sand	**12.7[a,b,c,d]**	76.9	0.48 J	26	**146[c,d]**	0.074	1.0 J[c]	<17.4		<17.4	<17.4
SB-13 (5-6)	9/21/2021	Fill-Sand	4.6[c]	39.7	0.27 J	15.1	18.9	<0.011	<0.35	<18.0		<18.0	<18.0
B-1 (1-3)	11/22/2021	Fill-Silty Sand	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA
B-2 (1-3)	11/22/2021	Fill-Silty Sand, Silty Clay	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA
B-2 (1-4)	11/22/2021		NA	NA	NA	NA	NA	NA	NA	<17.9		<17.9	<17.9
B-3 (1-3)	11/22/2021	Organic Silt	NA	NA	NA	NA	NA	NA	NA	<17.2		<17.2	<17.2
MW-5 (2-4)	11/22/2021	Fill-Sand	NA	NA	NA	NA	NA	NA	NA	<17.3		<17.3	<17.3
TW-14 (2-3)	1/25/2022	Fill-Sand	**18.7[a,b,c,d]**	134	0.94 J[c]	24.6	**216[c,d]**	0.11	0.82 J	<17.4		<17.4	<17.4
TW-14 (4-5)	1/25/2022	Fill-Sand	7.6[c]	68.3	<0.29	25.1	**190[c,d]**	0.085	<0.68	<17.4		<17.4	<17.4
12-PIT (8-9)	3/13/2024	Fill-Sand	4.5[c]	29.0	0.18 J	14.0	10.8	<0.011	<0.35	<17.4		<17.4	<17.4
C1-PIT (4-5)	3/20/2024	Fill-Sand	**10.5[c,d]**	94.5	**1.3[c]**	18.7	**275[c]**	0.051	<0.34	<18.6		<18.6	<18.6
B3-PIT (5-6)	3/26/2024	Fill-Sand	3.7[c]	34.4	0.16 J	13.0	39.4[c]	0.013 J	<0.31 U	<16.5		26.4 J	**26.4 J[c]**
UST-1 (4)	4/17/2024	Fill-Sand	8.3[c,d]	74.8	0.41 J[c]	53.5[d]	**281[c,d]**	0.080	<0.74	45.6 J	26.1 J	<18.3 U	**71.7 J[c]**
Direct Contact [1]	Non-Industrial [a]		**0.677**	**15,300**	**71.1**	**NS**	**400**	**3.13**	**391**	**239**	**235**	**243**	**234**
	Industrial [b]		**3**	**100,000**	**985**	**NS**	**800**	**3.13**	**5,840**	**988**	**972**	**1,000**	**967**
Groundwater Pathway [c]			**0.584**	**164.8**	**0.752**	**360,000**	**27**	**0.208**	**0.8491**	**NS**	**NS**	**NS**	**9.4**
Background Threshold Value [d]			**8.3**	**364**	**1**	**44**	**52**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**

Notes:
Metal concentrations are reported in milligrams per kilogram (mg/kg).
PCB concentrations are reported in micrograms per kilogram (µg/kg).
PCB = Polychlorinated Biphenyls
Depth of soil in feet below ground surface indicated in parentheses in sample name.
1 - Direct Contact, defined as soils existing between 0 and 4 feet below ground surface.
Bold = A value above the established NR 720 Background Threshold Value and Residual Contaminant Level.
a Analyte exceeds WAC NR Ch. 720 Non Industrial Direct Contact pathway (December 2018).
b Analyte exceeds WAC NR Ch. 720 Industrial Direct Contact pathway (December 2018).
c Analyte exceeds WAC NR Ch. 720 groundwater protection pathway (December 2018).
d Analyte exceeds WAC NR Ch. 720 background threshold values (December 2018).
Depth of soil in feet below ground surface indicated in parentheses in sample name.
* Native soil is silty-clay with layers of fine to medium and coarse sand (Geotest Inc., Geotechnical Subsurface Investigation, July 16, 2021).
NA - Parameter not analyzed.
NS - No established standard.
J = Laboratory flag indicating that the result reported is between the Method Detection Limit and Limit of Quantitation (an uncertain or estimated result).

TABLE 4
VOCs, PAHs, Metals and PCBs in Groundwater
FS Apartments, LLC
147 East Becher Street, Milwaukee, Wisconsin
Ramboll Project 1690023383

Analyte	PAL [a]	ES [b]	TW-1	TW-2	TW-3	TW-4	TW-5	TW-6	TW-7	TW-8	TW-9	TW-10	TW-11	TW-12	TW-13	TW-14	12 Pit (Bldg. 3)*	D2 Pit GW** (12 Pit (Bldg. 3)	C1 Pit (Bldg. 4)	B3 Pit (Bldg. 9)	UST-1***	MW-1		MW-2		MW-3		MW-4		MW-5	
			9/24/2021	9/23/2021	9/23/2021	9/24/2021	-	9/24/2021	9/23/2021	9/24/2021	9/23/2021	9/23/2021	9/23/2021	9/23/2021	9/23/2021	1/26/2022	3/13/2024	4/1/2024	3/20/2024	3/26/2024	4/23/2024	11/29/2021	6/15/2022	11/29/2021	6/15/2022	11/29/2021	6/15/2022	11/29/2021	6/15/2022	11/29/2021	6/15/2022
			µg/L	µg/L	µg/L	µg/L	-	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
VOCs																															
Benzene	**0.5**	**5**	<0.3	<0.3	<0.3	<0.3	dry well-not sampled	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.30	<0.30	NA	<0.30	<0.30	***1.4*** [a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	**160**	**800**	<0.29	<0.29	<0.29	<0.29		<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	NA	<0.29	<0.29	15.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	**140**	**700**	<0.33	<0.33	<0.33	<0.33		<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	NA	<0.33	<0.33	16.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes (total)	**400**	**2,000**	<1	<1	<1	<1		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	64.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	<1	<1	<1	<1		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	1.4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	<0.35	<0.35	<0.35	<0.35		<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	NA	<0.35	<0.35	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	**96**	**480**	<0.45	<0.45	<0.45	<0.45		<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	NA	<0.45	<0.45	22.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene			<0.36	<0.36	<0.36	<0.36		<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	<0.36	<0.36	7.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	**40**	**200**	<0.30	<0.30	<0.30	<0.30		<0.30	<0.30	<0.30	<0.30	<0.30	0.37 J	0.63 J	<0.30	<0.30	<0.30	NA	<0.30	<0.30	<0.30	NA	<0.30	NA	0.88 J	NA	<0.30	NA	<0.30	NA	<0.30
1,1-Dichloroethene	**0.7**	**7**	<0.58	<0.58	<0.58	<0.58		<0.58	***2.2*** [a]	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	NA	<0.58	<0.58	<0.58	NA	<0.58	NA	<0.58	NA	<0.58	NA	<0.58	NA	<0.58
Naphthalene	**10**	**100**	<1.1	<1.1	<1.1	<1.1		<1.1	<1.1	0.022 J	0.042 J	<1.1	<1.1	<1.1	<1.1	<1.1	<1.9	NA	<1.9	<1.9	2.3 J	NA	<1.1	NA	<1.1	NA	<1.1	NA	<1.1	NA	<1.1
p-Isopropyltoluene	NE	NE	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5 J	NA	<1.0	<1.0	16.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PAHs																															
Acenaphthene	NE	NE	0.026 J	0.014 J	<0.015	<0.013	dry well-not sampled	<0.014	0.017 J	<0.014	0.017 J	<0.015	0.019 J	<0.014	<0.014	1.6	<0.10	<0.014	0.042 J	0.42	0.025 J	<0.013	0.020 J	0.026J	<0.013	<0.013	0.038 J	0.016 J	0.043 J	NA	0.035 J
Acenaphthylene	NE	NE	0.015 J	<0.013	0.019 J	<0.012		<0.013	<0.012	<0.013	<0.012	<0.013	<0.012	<0.013	<0.013	0.018 J	<0.090	<0.013	0.13	0.061	<0.013	<0.012	<0.013	<0.012	<0.012	<0.012	<0.012	<0.013	<0.012	NA	<0.012
Anthracene	NE	NE	0.030 J	<0.019	<0.020	<0.018		<0.019	<0.018	<0.019	<0.018	<0.020	<0.018	<0.019	<0.019	0.47	<0.13	<0.018	0.17	0.28	0.022 J	<0.017	<0.019	<0.017	<0.018	<0.017	<0.018	<0.018	<0.018	NA	0.021 J
Benzo(a)anthracene	NE	NE	0.14	<0.014	<0.014	<0.013		0.069	<0.013	<0.014	0.037 J	<0.014	<0.013	<0.014	<0.014	0.14	0.84	<0.014	0.73	0.27	0.063	<0.013	<0.014	<0.013	<0.013	<0.013	<0.013	<0.014	<0.013	NA	<0.013
Benzo(a)pyrene	**0.02**	**0.2**	***0.21*** [a,b]	<0.020	<0.021	<0.019		*0.072* [a]	<0.019	<0.020	0.039 J[a]	<0.021	<0.019	<0.020	<0.020	*0.099* [a]	***0.60*** [a,b] →	<0.013	0.94	0.20	*0.061* [a]	→<0.018	→<0.013	→<0.018	→<0.012	→<0.018	→<0.012	→<0.019	→<0.012	NA	<0.012
Benzo(b)fluoranthene	**0.02**	**0.2**	***0.26*** [a,b]	<0.020	<0.021	<0.019		*0.11* [a]	<0.019	<0.020	0.051[a]	<0.021	<0.019	<0.020	<0.021	*0.13* [a]	***0.56*** [a,b] →	<0.0091	1.4	0.25	*0.11* [a]	→<0.018	→<0.0095	→<0.018	→<0.0088	→<0.018	→<0.0089	→<0.019	→<0.0088	NA	<0.0088
Benzo(g,h,i)perylene	NE	NE	0.22	<0.024	<0.025	<0.022		0.069	<0.023	<0.024	0.037 J	<0.025	<0.023	<0.023	<0.022	0.074	<0.17	<0.023	1.0	0.20	0.076	<0.022	<0.024	<0.022	<0.023	<0.022	<0.023	<0.023	<0.023	NA	<0.023
Benzo(k)fluoranthene	NE	NE	0.12	<0.023	<0.024	<0.021		0.038 J	<0.022	<0.023	<0.022	<0.024	<0.022	<0.022	<0.023	0.061	<0.16	<0.022	0.57	0.076	0.044 J	<0.021	<0.023	<0.021	<0.022	<0.021	<0.022	<0.022	<0.022	NA	<0.022
Chrysene	**0.02**	**0.2**	***0.21*** [a,b]	<0.027	<0.028	<0.026		*0.11* [a]	<0.026	<0.027	*0.049 J* [a]	<0.028	<0.026	<0.027	<0.024	*0.17* [a]	***1.7*** [a,b] →	<0.013	0.99	0.45	0.084	→<0.025	→<0.013	→<0.025	→<0.012	→<0.025	→<0.012	→<0.026	→<0.012	NA	<0.012
Dibenz(a,h)anthracene	NE	NE	0.039 J	<0.018	<0.019	<0.017		<0.018	<0.017	<0.018	<0.018	<0.019	<0.018	<0.018	<0.025	0.023 J	0.15 J	<0.018	0.19	0.042 J	<0.018	<0.017	<0.019	<0.017	<0.017	<0.017	<0.017	<0.018	<0.017	NA	<0.017
Fluoranthene	**80**	**400**	0.27	<0.027	<0.028	0.027 J		0.13	<0.025	<0.027	0.081	<0.028	<0.026	<0.026	<0.026	0.93	0.69	<0.026	1.1	0.26	0.20	<0.024	<0.027	<0.024	<0.025	<0.024	<0.026	<0.026	<0.025	NA	<0.025
Fluorene	**80**	**400**	<0.025	<0.024	<0.025	<0.023		<0.024	<0.023	<0.024	<0.023	<0.025	<0.023	<0.024	<0.024	0.80	<0.17	<0.024	0.031 J	0.36	<0.024	<0.022	<0.025	<0.022	<0.023	<0.022	<0.023	<0.023	<0.023	NA	<0.023
Indeno(1,2,3-cd)pyrene	NE	NE	0.15	<0.016	<0.016	<0.015		0.046 J	<0.015	<0.016	0.026 J	<0.016	<0.015	<0.016	<0.027	0.061	0.16 J	<0.016	0.96	0.13	0.060	<0.015	<0.016	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	NA	<0.015
Naphthalene	**10**	**100**	0.040 J	0.026 J	0.027 J	0.021 J		0.024 J	0.053	0.022 J	0.042 J	0.047 J	0.027 J	0.032 J	<0.028	0.15	<0.14	<0.020	0.44	0.29	1.7	0.33	0.29	0.27	0.045 J	0.047 J	0.45	0.48	0.34	NA	0.32
1-Methylnaphthalene	NE	NE	0.058	0.023 J	<0.019	0.018 J		<0.019	0.029 J	<0.018	0.022 J	0.022 J	0.025 J	0.034 J	<0.029	0.12	<0.13	0.021 J	0.075	0.61	0.56	0.29	0.067	0.32	<0.017	0.039J	0.094	0.51	0.11	NA	0.083
2-Methylnaphthalene	NE	NE	0.064	<0.014	<0.015	0.021 J		0.016 J	0.035 J	0.020 J	0.028 J	0.032 J	0.018 J	0.037 J	<0.030	0.32	<0.099	0.015 J	0.088	0.27	1.0	0.39	0.016 J	0.57	<0.013	0.036J	0.035 J	0.92	0.032 J	NA	0.030 J
Phenanthrene	NE	NE	0.12	<0.026	0.037 J	<0.025		0.052 J	0.057	<0.026	0.08	<0.027	<0.025	<0.026	<0.031	2.2	0.88	0.026 J	0.48	0.44	0.13	<0.024	<0.027	0.038J	<0.025	<0.024	<0.025	0.027 J	<0.025	NA	<0.025
Pyrene	**50**	**250**	0.24	<0.023	<0.024	<0.022		0.11	<0.022	<0.023	0.071	<0.024	<0.022	<0.023	<0.032	0.59	1.4	<0.023	1.4	1.0	0.14	<0.021	<0.024	<0.021	<0.022	<0.021	<0.022	<0.022	<0.022	NA	<0.022
RCRA METALS																															
Arsenic, Dissolved	**1**	**10**	<13.2	<13.2	<13.2	<13.2	dry well-not sampled	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	***1.1*** [a]	NA	***2.4*** [a]	***4.2*** [a]	0.63 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium, Dissolved	**400**	**2,000**	171	81.7	49.9	109		93.4	156	206	209	50	52	28	164	79.1	17.2	NA	100	103	55.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Dissolved	**10**	**100**	<2.5	<2.5	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	5.6 J	<2.5	<2.5	<2.5	<2.5	<1.0	NA	<1.0	3.0 J	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium, Dissolved	**10**	**50**															0.90 J	NA	***11.7*** [a]	***10.8*** [a]	<0.32										
Lead, Dissolved	**1.5**	**15**	7.7 J[a]	<6.4	<6.4	<6.4		<6.4	<6.4	<6.4	7.7 J[a]	***9.8 J*** [a]	<6.4	<6.4	<6.4	<6.4	<0.24	NA	***2.9*** [a]	***28.3*** [a,b]	0.70 J	NA	<5.9	NA	<5.9	NA	<5.9	NA	<5.9	NA	<5.9
PolyChlorinated Biphenyls (PCBs)																															
Total PCBs	**0.003**	**0.03**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.11	<0.11	NA	<0.11	<0.11	<0.11	NA	NA	<0.11	NA	NA	NA	NA	<0.11	NA

Notes:

All groundwater concentrations are reported in micrograms per Liter (µg/L).

Only those compounds detected are shown on this table.

a - Analyte concentration exceeds WAC NR Ch. 140 Preventive Action limit (PAL; July 2023).

b - Analyte concentration exceeds WAC NR Ch. 140 Enforcement Standard (ES; July 2023).

J = Laboratory flag indicating that results reported between the Method Detection Limit and Limit of Quantitation (LOQ), which is a result that is less certain than results at or above the LOQ.

NE = No established toxicity criteria for analyte.

NA = Not analyzed

VOCs = Volatile Organic Compounds - USEPA Method 8260.

PAHs = Polynuclear Aromatic Hydrocarbons - USEPA Method 8270E.

RCRA Metals = Resource Conservation and Recovery Act Metals - USEPA Method 6020/7471 (field filtered - 0.45 micron).

< = Analyte not detected above the laboratory Method detection limit (laboratory method detection limit in parentheses).

Underlined and italicized values exceed the WAC Ch. 140 PAL.

Bold values exceed the WAC Ch. 140 ES.

Water samples designated as SB-1W in laboratory report for water sample collected from temporary monitoring well TW-1.

* = RCRA metals sampled on 03/18/2024.

** = Resample of 12 Pit (Bldg. 3) for PAHs only.

*** = Groundwater Lab Sample Name = Beta Pit.

→ Resampled PAH results from low-sediment sample (Bldg. 3).

→ Resampled PAH results from low-sediment samples surrounding TW-1.

APPENDIX A

LABORATORY REPORTS

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

March 22, 2024

Richard Mazurkiewicz
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: 1690023383 BECHER ST
Pace Project No.: 40275594

Dear Richard Mazurkiewicz:

Enclosed are the analytical results for sample(s) received by the laboratory on March 16, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: Duncan Glasford, Ramboll US Consulting, Inc.
Kyle Heimstead, Ramboll US Consulting, Inc.

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

CERTIFICATIONS

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

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: 1690023383 BECHER ST
Pace Project No.: 40275594

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40275594001	**12 PIT**	Water	03/13/24 14:00	03/16/24 08:45
40275594002	**12 PIT 8-9**	Solid	03/13/24 14:15	03/16/24 08:45

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

SAMPLE ANALYTE COUNT

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40275594001	**12 PIT**	EPA 8082A	BLM	10
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	65
40275594002	**12 PIT 8-9**	EPA 8082A	BLM	10
		EPA 6010D	SIS	7
		EPA 7471	RZA	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	EIB	65
		ASTM D2974-87	MYH	1

PASI-G = Pace Analytical Services - Green Bay

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

Sample: 12 PIT **Lab ID: 40275594001** Collected: 03/13/24 14:00 Received: 03/16/24 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB Low Volume	Analytical Method: EPA 8082A Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<0.11**	ug/L	0.50	0.11	1	03/18/24 09:27	03/18/24 21:38	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.11**	ug/L	0.50	0.11	1	03/18/24 09:27	03/18/24 21:38	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.11**	ug/L	0.50	0.11	1	03/18/24 09:27	03/18/24 21:38	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.11**	ug/L	0.50	0.11	1	03/18/24 09:27	03/18/24 21:38	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.11**	ug/L	0.50	0.11	1	03/18/24 09:27	03/18/24 21:38	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.11**	ug/L	0.50	0.11	1	03/18/24 09:27	03/18/24 21:38	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.11**	ug/L	0.50	0.11	1	03/18/24 09:27	03/18/24 21:38	11096-82-5	
PCB, Total	**<0.11**	ug/L	0.50	0.11	1	03/18/24 09:27	03/18/24 21:38	1336-36-3	
Surrogates									
Decachlorobiphenyl (S)	59	%	10-132		1	03/18/24 09:27	03/18/24 21:38	2051-24-3	
Tetrachloro-m-xylene (S)	92	%	41-120		1	03/18/24 09:27	03/18/24 21:38	877-09-8	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.10**	ug/L	0.36	0.10	8	03/20/24 07:46	03/21/24 21:19	83-32-9	
Acenaphthylene	**<0.090**	ug/L	0.36	0.090	8	03/20/24 07:46	03/21/24 21:19	208-96-8	
Anthracene	**<0.13**	ug/L	0.36	0.13	8	03/20/24 07:46	03/21/24 21:19	120-12-7	
Benzo(a)anthracene	**0.84**	ug/L	0.36	0.097	8	03/20/24 07:46	03/21/24 21:19	56-55-3	
Benzo(a)pyrene	**0.60**	ug/L	0.36	0.091	8	03/20/24 07:46	03/21/24 21:19	50-32-8	
Benzo(b)fluoranthene	**0.56**	ug/L	0.36	0.065	8	03/20/24 07:46	03/21/24 21:19	205-99-2	
Benzo(g,h,i)perylene	**<0.17**	ug/L	0.36	0.17	8	03/20/24 07:46	03/21/24 21:19	191-24-2	
Benzo(k)fluoranthene	**<0.16**	ug/L	0.36	0.16	8	03/20/24 07:46	03/21/24 21:19	207-08-9	
Chrysene	**1.7**	ug/L	0.36	0.090	8	03/20/24 07:46	03/21/24 21:19	218-01-9	
Dibenz(a,h)anthracene	**0.15J**	ug/L	0.36	0.13	8	03/20/24 07:46	03/21/24 21:19	53-70-3	
Fluoranthene	**0.69**	ug/L	0.36	0.19	8	03/20/24 07:46	03/21/24 21:19	206-44-0	
Fluorene	**<0.17**	ug/L	0.36	0.17	8	03/20/24 07:46	03/21/24 21:19	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.16J**	ug/L	0.36	0.11	8	03/20/24 07:46	03/21/24 21:19	193-39-5	
1-Methylnaphthalene	**<0.13**	ug/L	0.36	0.13	8	03/20/24 07:46	03/21/24 21:19	90-12-0	
2-Methylnaphthalene	**<0.099**	ug/L	0.36	0.099	8	03/20/24 07:46	03/21/24 21:19	91-57-6	
Naphthalene	**<0.14**	ug/L	0.36	0.14	8	03/20/24 07:46	03/21/24 21:19	91-20-3	
Phenanthrene	**0.88**	ug/L	0.36	0.18	8	03/20/24 07:46	03/21/24 21:19	85-01-8	
Pyrene	**1.4**	ug/L	0.36	0.16	8	03/20/24 07:46	03/21/24 21:19	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	46	%	38-120		8	03/20/24 07:46	03/21/24 21:19	321-60-8	
Terphenyl-d14 (S)	59	%	47-121		8	03/20/24 07:46	03/21/24 21:19	1718-51-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		03/22/24 11:43	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		03/22/24 11:43	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		03/22/24 11:43	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		03/22/24 11:43	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		03/22/24 11:43	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		03/22/24 11:43	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		03/22/24 11:43	104-51-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

Sample: 12 PIT **Lab ID: 40275594001** Collected: 03/13/24 14:00 Received: 03/16/24 08:45 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		03/22/24 11:43	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		03/22/24 11:43	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		03/22/24 11:43	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		03/22/24 11:43	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		03/22/24 11:43	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		03/22/24 11:43	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		03/22/24 11:43	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		03/22/24 11:43	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		03/22/24 11:43	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		03/22/24 11:43	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		03/22/24 11:43	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		03/22/24 11:43	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		03/22/24 11:43	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		03/22/24 11:43	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		03/22/24 11:43	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		03/22/24 11:43	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		03/22/24 11:43	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		03/22/24 11:43	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		03/22/24 11:43	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		03/22/24 11:43	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		03/22/24 11:43	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		03/22/24 11:43	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		03/22/24 11:43	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		03/22/24 11:43	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		03/22/24 11:43	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		03/22/24 11:43	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		03/22/24 11:43	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		03/22/24 11:43	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		03/22/24 11:43	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		03/22/24 11:43	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		03/22/24 11:43	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		03/22/24 11:43	98-82-8	
p-Isopropyltoluene	**1.5J**	ug/L	5.0	1.0	1		03/22/24 11:43	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		03/22/24 11:43	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		03/22/24 11:43	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		03/22/24 11:43	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		03/22/24 11:43	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		03/22/24 11:43	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		03/22/24 11:43	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		03/22/24 11:43	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		03/22/24 11:43	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		03/22/24 11:43	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		03/22/24 11:43	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		03/22/24 11:43	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		03/22/24 11:43	71-55-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

Sample: 12 PIT **Lab ID: 40275594001** Collected: 03/13/24 14:00 Received: 03/16/24 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		03/22/24 11:43	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		03/22/24 11:43	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		03/22/24 11:43	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		03/22/24 11:43	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		03/22/24 11:43	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		03/22/24 11:43	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		03/22/24 11:43	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		03/22/24 11:43	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		03/22/24 11:43	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		03/22/24 11:43	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/22/24 11:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		03/22/24 11:43	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		03/22/24 11:43	2037-26-5	HS

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

Sample: 12 PIT 8-9 **Lab ID: 40275594002** Collected: 03/13/24 14:15 Received: 03/16/24 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<17.4**	ug/kg	57.0	17.4	1	03/19/24 11:16	03/19/24 18:27	12674-11-2	
PCB-1221 (Aroclor 1221)	**<17.4**	ug/kg	57.0	17.4	1	03/19/24 11:16	03/19/24 18:27	11104-28-2	
PCB-1232 (Aroclor 1232)	**<17.4**	ug/kg	57.0	17.4	1	03/19/24 11:16	03/19/24 18:27	11141-16-5	
PCB-1242 (Aroclor 1242)	**<17.4**	ug/kg	57.0	17.4	1	03/19/24 11:16	03/19/24 18:27	53469-21-9	
PCB-1248 (Aroclor 1248)	**<17.4**	ug/kg	57.0	17.4	1	03/19/24 11:16	03/19/24 18:27	12672-29-6	
PCB-1254 (Aroclor 1254)	**<17.4**	ug/kg	57.0	17.4	1	03/19/24 11:16	03/19/24 18:27	11097-69-1	
PCB-1260 (Aroclor 1260)	**<17.4**	ug/kg	57.0	17.4	1	03/19/24 11:16	03/19/24 18:27	11096-82-5	
PCB, Total	**<17.4**	ug/kg	57.0	17.4	1	03/19/24 11:16	03/19/24 18:27	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	100	%	44-120		1	03/19/24 11:16	03/19/24 18:27	877-09-8	
Decachlorobiphenyl (S)	93	%	34-120		1	03/19/24 11:16	03/19/24 18:27	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**4.5**	mg/kg	2.8	1.6	1	03/19/24 05:38	03/19/24 15:53	7440-38-2	
Barium	**29.0**	mg/kg	0.56	0.17	1	03/19/24 05:38	03/19/24 15:53	7440-39-3	
Cadmium	**0.18J**	mg/kg	0.56	0.15	1	03/19/24 05:38	03/19/24 15:53	7440-43-9	
Chromium	**14.0**	mg/kg	1.1	0.31	1	03/19/24 05:38	03/19/24 15:53	7440-47-3	
Lead	**10.8**	mg/kg	2.2	0.67	1	03/19/24 05:38	03/19/24 15:53	7439-92-1	
Selenium	**<1.5**	mg/kg	4.5	1.5	1	03/19/24 05:38	03/19/24 15:53	7782-49-2	
Silver	**<0.35**	mg/kg	1.1	0.35	1	03/19/24 05:38	03/19/24 15:53	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**<0.011**	mg/kg	0.040	0.011	1	03/20/24 13:51	03/21/24 13:13	7439-97-6	1q,M0
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<2.5**	ug/kg	19.0	2.5	1	03/19/24 08:10	03/19/24 19:57	83-32-9	
Acenaphthylene	**<2.4**	ug/kg	19.0	2.4	1	03/19/24 08:10	03/19/24 19:57	208-96-8	
Anthracene	**<2.4**	ug/kg	19.0	2.4	1	03/19/24 08:10	03/19/24 19:57	120-12-7	
Benzo(a)anthracene	**3.1J**	ug/kg	19.0	2.5	1	03/19/24 08:10	03/19/24 19:57	56-55-3	
Benzo(a)pyrene	**<2.2**	ug/kg	19.0	2.2	1	03/19/24 08:10	03/19/24 19:57	50-32-8	
Benzo(b)fluoranthene	**<2.6**	ug/kg	19.0	2.6	1	03/19/24 08:10	03/19/24 19:57	205-99-2	
Benzo(g,h,i)perylene	**<3.3**	ug/kg	19.0	3.3	1	03/19/24 08:10	03/19/24 19:57	191-24-2	
Benzo(k)fluoranthene	**<2.4**	ug/kg	19.0	2.4	1	03/19/24 08:10	03/19/24 19:57	207-08-9	
Chrysene	**<3.6**	ug/kg	19.0	3.6	1	03/19/24 08:10	03/19/24 19:57	218-01-9	
Dibenz(a,h)anthracene	**<2.6**	ug/kg	19.0	2.6	1	03/19/24 08:10	03/19/24 19:57	53-70-3	
Fluoranthene	**4.9J**	ug/kg	19.0	2.2	1	03/19/24 08:10	03/19/24 19:57	206-44-0	
Fluorene	**<2.3**	ug/kg	19.0	2.3	1	03/19/24 08:10	03/19/24 19:57	86-73-7	
Indeno(1,2,3-cd)pyrene	**<4.0**	ug/kg	19.0	4.0	1	03/19/24 08:10	03/19/24 19:57	193-39-5	
1-Methylnaphthalene	**<2.8**	ug/kg	19.0	2.8	1	03/19/24 08:10	03/19/24 19:57	90-12-0	
2-Methylnaphthalene	**<2.8**	ug/kg	19.0	2.8	1	03/19/24 08:10	03/19/24 19:57	91-57-6	
Naphthalene	**<1.8**	ug/kg	19.0	1.8	1	03/19/24 08:10	03/19/24 19:57	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

Sample: 12 PIT 8-9 **Lab ID: 40275594002** Collected: 03/13/24 14:15 Received: 03/16/24 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**3.8J**	ug/kg	19.0	2.2	1	03/19/24 08:10	03/19/24 19:57	85-01-8	
Pyrene	**3.7J**	ug/kg	19.0	2.8	1	03/19/24 08:10	03/19/24 19:57	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	63	%	39-120		1	03/19/24 08:10	03/19/24 19:57	321-60-8	
Terphenyl-d14 (S)	70	%	36-120		1	03/19/24 08:10	03/19/24 19:57	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<15.3**	ug/kg	63.6	15.3	1	03/19/24 09:30	03/20/24 13:01	630-20-6	
1,1,1-Trichloroethane	**<16.3**	ug/kg	63.6	16.3	1	03/19/24 09:30	03/20/24 13:01	71-55-6	
1,1,2,2-Tetrachloroethane	**<23.0**	ug/kg	63.6	23.0	1	03/19/24 09:30	03/20/24 13:01	79-34-5	
1,1,2-Trichloroethane	**<23.2**	ug/kg	63.6	23.2	1	03/19/24 09:30	03/20/24 13:01	79-00-5	
1,1-Dichloroethane	**<16.3**	ug/kg	63.6	16.3	1	03/19/24 09:30	03/20/24 13:01	75-34-3	
1,1-Dichloroethene	**<21.1**	ug/kg	63.6	21.1	1	03/19/24 09:30	03/20/24 13:01	75-35-4	
1,1-Dichloropropene	**<20.6**	ug/kg	63.6	20.6	1	03/19/24 09:30	03/20/24 13:01	563-58-6	
1,2,3-Trichlorobenzene	**<70.9**	ug/kg	318	70.9	1	03/19/24 09:30	03/20/24 13:01	87-61-6	
1,2,3-Trichloropropane	**<30.9**	ug/kg	63.6	30.9	1	03/19/24 09:30	03/20/24 13:01	96-18-4	
1,2,4-Trichlorobenzene	**<52.4**	ug/kg	318	52.4	1	03/19/24 09:30	03/20/24 13:01	120-82-1	
1,2,4-Trimethylbenzene	**<19.0**	ug/kg	63.6	19.0	1	03/19/24 09:30	03/20/24 13:01	95-63-6	
1,2-Dibromo-3-chloropropane	**<49.4**	ug/kg	318	49.4	1	03/19/24 09:30	03/20/24 13:01	96-12-8	
1,2-Dibromoethane (EDB)	**<17.4**	ug/kg	63.6	17.4	1	03/19/24 09:30	03/20/24 13:01	106-93-4	
1,2-Dichlorobenzene	**<19.7**	ug/kg	63.6	19.7	1	03/19/24 09:30	03/20/24 13:01	95-50-1	
1,2-Dichloroethane	**<14.6**	ug/kg	63.6	14.6	1	03/19/24 09:30	03/20/24 13:01	107-06-2	
1,2-Dichloropropane	**<15.1**	ug/kg	63.6	15.1	1	03/19/24 09:30	03/20/24 13:01	78-87-5	
1,3,5-Trimethylbenzene	**<20.5**	ug/kg	63.6	20.5	1	03/19/24 09:30	03/20/24 13:01	108-67-8	
1,3-Dichlorobenzene	**<17.4**	ug/kg	63.6	17.4	1	03/19/24 09:30	03/20/24 13:01	541-73-1	
1,3-Dichloropropane	**<13.9**	ug/kg	63.6	13.9	1	03/19/24 09:30	03/20/24 13:01	142-28-9	
1,4-Dichlorobenzene	**<17.4**	ug/kg	63.6	17.4	1	03/19/24 09:30	03/20/24 13:01	106-46-7	
2,2-Dichloropropane	**<17.2**	ug/kg	63.6	17.2	1	03/19/24 09:30	03/20/24 13:01	594-20-7	
2-Chlorotoluene	**<20.6**	ug/kg	63.6	20.6	1	03/19/24 09:30	03/20/24 13:01	95-49-8	
4-Chlorotoluene	**<24.2**	ug/kg	63.6	24.2	1	03/19/24 09:30	03/20/24 13:01	106-43-4	
Benzene	**<15.1**	ug/kg	25.4	15.1	1	03/19/24 09:30	03/20/24 13:01	71-43-2	
Bromobenzene	**<24.8**	ug/kg	63.6	24.8	1	03/19/24 09:30	03/20/24 13:01	108-86-1	
Bromochloromethane	**<17.4**	ug/kg	63.6	17.4	1	03/19/24 09:30	03/20/24 13:01	74-97-5	
Bromodichloromethane	**<15.1**	ug/kg	63.6	15.1	1	03/19/24 09:30	03/20/24 13:01	75-27-4	
Bromoform	**<280**	ug/kg	318	280	1	03/19/24 09:30	03/20/24 13:01	75-25-2	
Bromomethane	**<89.2**	ug/kg	318	89.2	1	03/19/24 09:30	03/20/24 13:01	74-83-9	
Carbon tetrachloride	**<14.0**	ug/kg	63.6	14.0	1	03/19/24 09:30	03/20/24 13:01	56-23-5	
Chlorobenzene	**<7.6**	ug/kg	63.6	7.6	1	03/19/24 09:30	03/20/24 13:01	108-90-7	
Chloroethane	**<26.8**	ug/kg	318	26.8	1	03/19/24 09:30	03/20/24 13:01	75-00-3	
Chloroform	**<45.5**	ug/kg	318	45.5	1	03/19/24 09:30	03/20/24 13:01	67-66-3	
Chloromethane	**<24.2**	ug/kg	63.6	24.2	1	03/19/24 09:30	03/20/24 13:01	74-87-3	
Dibromochloromethane	**<217**	ug/kg	318	217	1	03/19/24 09:30	03/20/24 13:01	124-48-1	
Dibromomethane	**<18.8**	ug/kg	63.6	18.8	1	03/19/24 09:30	03/20/24 13:01	74-95-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

Sample: 12 PIT 8-9 **Lab ID: 40275594002** Collected: 03/13/24 14:15 Received: 03/16/24 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<27.4**	ug/kg	63.6	27.4	1	03/19/24 09:30	03/20/24 13:01	75-71-8	
Diisopropyl ether	**<15.8**	ug/kg	63.6	15.8	1	03/19/24 09:30	03/20/24 13:01	108-20-3	
Ethylbenzene	**<15.1**	ug/kg	63.6	15.1	1	03/19/24 09:30	03/20/24 13:01	100-41-4	
Hexachloro-1,3-butadiene	**<126**	ug/kg	318	126	1	03/19/24 09:30	03/20/24 13:01	87-68-3	
Isopropylbenzene (Cumene)	**<17.2**	ug/kg	63.6	17.2	1	03/19/24 09:30	03/20/24 13:01	98-82-8	
Methyl-tert-butyl ether	**<18.7**	ug/kg	63.6	18.7	1	03/19/24 09:30	03/20/24 13:01	1634-04-4	
Methylene Chloride	**<17.7**	ug/kg	63.6	17.7	1	03/19/24 09:30	03/20/24 13:01	75-09-2	
Naphthalene	**<26.8**	ug/kg	318	26.8	1	03/19/24 09:30	03/20/24 13:01	91-20-3	
Styrene	**<16.3**	ug/kg	63.6	16.3	1	03/19/24 09:30	03/20/24 13:01	100-42-5	
Tetrachloroethene	**<24.7**	ug/kg	63.6	24.7	1	03/19/24 09:30	03/20/24 13:01	127-18-4	
Toluene	**<16.0**	ug/kg	63.6	16.0	1	03/19/24 09:30	03/20/24 13:01	108-88-3	
Trichloroethene	**<23.8**	ug/kg	63.6	23.8	1	03/19/24 09:30	03/20/24 13:01	79-01-6	
Trichlorofluoromethane	**<18.4**	ug/kg	63.6	18.4	1	03/19/24 09:30	03/20/24 13:01	75-69-4	
Vinyl chloride	**<12.8**	ug/kg	63.6	12.8	1	03/19/24 09:30	03/20/24 13:01	75-01-4	
Xylene (Total)	**<45.9**	ug/kg	191	45.9	1	03/19/24 09:30	03/20/24 13:01	1330-20-7	
cis-1,2-Dichloroethene	**<13.6**	ug/kg	63.6	13.6	1	03/19/24 09:30	03/20/24 13:01	156-59-2	
cis-1,3-Dichloropropene	**<42.0**	ug/kg	318	42.0	1	03/19/24 09:30	03/20/24 13:01	10061-01-5	
m&p-Xylene	**<26.8**	ug/kg	127	26.8	1	03/19/24 09:30	03/20/24 13:01	179601-23-1	
n-Butylbenzene	**<29.1**	ug/kg	63.6	29.1	1	03/19/24 09:30	03/20/24 13:01	104-51-8	
n-Propylbenzene	**<15.3**	ug/kg	63.6	15.3	1	03/19/24 09:30	03/20/24 13:01	103-65-1	
o-Xylene	**<19.1**	ug/kg	63.6	19.1	1	03/19/24 09:30	03/20/24 13:01	95-47-6	
p-Isopropyltoluene	**<21.6**	ug/kg	63.6	21.6	1	03/19/24 09:30	03/20/24 13:01	99-87-6	
sec-Butylbenzene	**<21.8**	ug/kg	63.6	21.8	1	03/19/24 09:30	03/20/24 13:01	135-98-8	
tert-Butylbenzene	**<20.0**	ug/kg	63.6	20.0	1	03/19/24 09:30	03/20/24 13:01	98-06-6	
trans-1,2-Dichloroethene	**<13.9**	ug/kg	63.6	13.9	1	03/19/24 09:30	03/20/24 13:01	156-60-5	
trans-1,3-Dichloropropene	**<182**	ug/kg	318	182	1	03/19/24 09:30	03/20/24 13:01	10061-02-6	
Surrogates									
Toluene-d8 (S)	131	%	70-139		1	03/19/24 09:30	03/20/24 13:01	2037-26-5	
4-Bromofluorobenzene (S)	130	%	72-142		1	03/19/24 09:30	03/20/24 13:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	129	%	67-144		1	03/19/24 09:30	03/20/24 13:01	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**12.0**	%	0.10	0.10	1		03/18/24 13:54		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

QC Batch: 469663
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275594002

METHOD BLANK: 2690811 Matrix: Solid
Associated Lab Samples: 40275594002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	03/21/24 13:08	

LABORATORY CONTROL SAMPLE: 2690812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.93	112	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2690813 2690814

Parameter	Units	40275594002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	<0.011	0.93	0.94	1.1	1.1	116	112	85-115	3	20	M0

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

QC Batch: 469274
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275594002

METHOD BLANK: 2688667 Matrix: Solid
Associated Lab Samples: 40275594002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	03/19/24 15:02	
Barium	mg/kg	<0.15	0.50	03/19/24 15:02	
Cadmium	mg/kg	<0.13	0.50	03/19/24 15:02	
Chromium	mg/kg	<0.28	1.0	03/19/24 15:02	
Lead	mg/kg	<0.60	2.0	03/19/24 15:02	
Selenium	mg/kg	<1.3	4.0	03/19/24 15:02	
Silver	mg/kg	<0.31	1.0	03/19/24 15:02	

LABORATORY CONTROL SAMPLE: 2688668

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	23.8	95	80-120	
Barium	mg/kg	25	25.6	103	80-120	
Cadmium	mg/kg	25	25.1	101	80-120	
Chromium	mg/kg	25	24.7	99	80-120	
Lead	mg/kg	25	25.7	103	80-120	
Selenium	mg/kg	25	25.5	102	80-120	
Silver	mg/kg	12.5	12.4	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2688669 2688670

Parameter	Units	40275474001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	2.5J	30.5	30.6	31.2	31.8	94	96	75-125	2	20	
Barium	mg/kg	36.7	30.5	30.6	71.8	75.9	115	128	75-125	6	20	M0
Cadmium	mg/kg	<0.16	30.5	30.6	30.5	31.6	100	103	75-125	4	20	
Chromium	mg/kg	11.9	30.5	30.6	45.2	45.9	109	111	75-125	2	20	
Lead	mg/kg	33.0	30.5	30.6	58.8	59.9	84	88	75-125	2	20	
Selenium	mg/kg	<1.6	30.5	30.6	31.7	32.3	102	104	75-125	2	20	
Silver	mg/kg	<0.38	15.3	15.3	15.3	15.6	100	102	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

QC Batch: 469558
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275594002

METHOD BLANK: 2690187 Matrix: Solid
Associated Lab Samples: 40275594002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	03/20/24 09:06	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	03/20/24 09:06	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	03/20/24 09:06	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	03/20/24 09:06	
1,1-Dichloroethane	ug/kg	<12.8	50.0	03/20/24 09:06	
1,1-Dichloroethene	ug/kg	<16.6	50.0	03/20/24 09:06	
1,1-Dichloropropene	ug/kg	<16.2	50.0	03/20/24 09:06	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	03/20/24 09:06	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	03/20/24 09:06	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	03/20/24 09:06	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	03/20/24 09:06	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	03/20/24 09:06	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	03/20/24 09:06	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	03/20/24 09:06	
1,2-Dichloroethane	ug/kg	<11.5	50.0	03/20/24 09:06	
1,2-Dichloropropane	ug/kg	<11.9	50.0	03/20/24 09:06	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	03/20/24 09:06	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	03/20/24 09:06	
1,3-Dichloropropane	ug/kg	<10.9	50.0	03/20/24 09:06	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	03/20/24 09:06	
2,2-Dichloropropane	ug/kg	<13.5	50.0	03/20/24 09:06	
2-Chlorotoluene	ug/kg	<16.2	50.0	03/20/24 09:06	
4-Chlorotoluene	ug/kg	<19.0	50.0	03/20/24 09:06	
Benzene	ug/kg	<11.9	20.0	03/20/24 09:06	
Bromobenzene	ug/kg	<19.5	50.0	03/20/24 09:06	
Bromochloromethane	ug/kg	<13.7	50.0	03/20/24 09:06	
Bromodichloromethane	ug/kg	<11.9	50.0	03/20/24 09:06	
Bromoform	ug/kg	<220	250	03/20/24 09:06	
Bromomethane	ug/kg	<70.1	250	03/20/24 09:06	
Carbon tetrachloride	ug/kg	<11.0	50.0	03/20/24 09:06	
Chlorobenzene	ug/kg	<6.0	50.0	03/20/24 09:06	
Chloroethane	ug/kg	<21.1	250	03/20/24 09:06	
Chloroform	ug/kg	<35.8	250	03/20/24 09:06	
Chloromethane	ug/kg	<19.0	50.0	03/20/24 09:06	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	03/20/24 09:06	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	03/20/24 09:06	
Dibromochloromethane	ug/kg	<171	250	03/20/24 09:06	
Dibromomethane	ug/kg	<14.8	50.0	03/20/24 09:06	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	03/20/24 09:06	
Diisopropyl ether	ug/kg	<12.4	50.0	03/20/24 09:06	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

METHOD BLANK: 2690187 Matrix: Solid
Associated Lab Samples: 40275594002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	03/20/24 09:06	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	03/20/24 09:06	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	03/20/24 09:06	
m&p-Xylene	ug/kg	<21.1	100	03/20/24 09:06	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	03/20/24 09:06	
Methylene Chloride	ug/kg	<13.9	50.0	03/20/24 09:06	
n-Butylbenzene	ug/kg	<22.9	50.0	03/20/24 09:06	
n-Propylbenzene	ug/kg	<12.0	50.0	03/20/24 09:06	
Naphthalene	ug/kg	<21.0	250	03/20/24 09:06	
o-Xylene	ug/kg	<15.0	50.0	03/20/24 09:06	
p-Isopropyltoluene	ug/kg	<17.0	50.0	03/20/24 09:06	
sec-Butylbenzene	ug/kg	<17.2	50.0	03/20/24 09:06	
Styrene	ug/kg	<12.8	50.0	03/20/24 09:06	
tert-Butylbenzene	ug/kg	<15.7	50.0	03/20/24 09:06	
Tetrachloroethene	ug/kg	<19.4	50.0	03/20/24 09:06	
Toluene	ug/kg	<12.6	50.0	03/20/24 09:06	
trans-1,2-Dichloroethene	ug/kg	<10.9	50.0	03/20/24 09:06	
trans-1,3-Dichloropropene	ug/kg	<143	250	03/20/24 09:06	
Trichloroethene	ug/kg	<18.7	50.0	03/20/24 09:06	
Trichlorofluoromethane	ug/kg	<14.5	50.0	03/20/24 09:06	
Vinyl chloride	ug/kg	<10.1	50.0	03/20/24 09:06	
Xylene (Total)	ug/kg	<36.1	150	03/20/24 09:06	
1,2-Dichlorobenzene-d4 (S)	%	106	67-144	03/20/24 09:06	
4-Bromofluorobenzene (S)	%	104	72-142	03/20/24 09:06	
Toluene-d8 (S)	%	103	70-139	03/20/24 09:06	

LABORATORY CONTROL SAMPLE: 2690188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2470	99	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2290	91	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2310	92	70-130	
1,1-Dichloroethane	ug/kg	2500	2410	96	70-130	
1,1-Dichloroethene	ug/kg	2500	2270	91	77-122	
1,2,4-Trichlorobenzene	ug/kg	2500	2090	84	66-125	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2050	82	66-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2320	93	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2440	98	70-130	
1,2-Dichloroethane	ug/kg	2500	2500	100	70-130	
1,2-Dichloropropane	ug/kg	2500	2460	99	80-121	
1,3-Dichlorobenzene	ug/kg	2500	2500	100	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2540	102	70-130	
Benzene	ug/kg	2500	2410	96	70-130	
Bromodichloromethane	ug/kg	2500	2480	99	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

LABORATORY CONTROL SAMPLE: 2690188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2170	87	67-130	
Bromomethane	ug/kg	2500	2550	102	25-150	
Carbon tetrachloride	ug/kg	2500	2390	95	72-136	
Chlorobenzene	ug/kg	2500	2520	101	70-130	
Chloroethane	ug/kg	2500	2580	103	20-178	
Chloroform	ug/kg	2500	2470	99	80-120	
Chloromethane	ug/kg	2500	2040	82	45-123	
cis-1,2-Dichloroethene	ug/kg	2500	2430	97	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2320	93	70-130	
Dibromochloromethane	ug/kg	2500	2310	92	70-130	
Dichlorodifluoromethane	ug/kg	2500	1760	70	14-106	
Ethylbenzene	ug/kg	2500	2370	95	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2360	94	70-130	
m&p-Xylene	ug/kg	5000	4820	96	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2400	96	70-130	
Methylene Chloride	ug/kg	2500	2420	97	70-130	
o-Xylene	ug/kg	2500	2480	99	70-130	
Styrene	ug/kg	2500	2570	103	70-130	
Tetrachloroethene	ug/kg	2500	2420	97	70-130	
Toluene	ug/kg	2500	2430	97	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2370	95	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2310	93	70-130	
Trichloroethene	ug/kg	2500	2490	99	70-130	
Trichlorofluoromethane	ug/kg	2500	2230	89	49-141	
Vinyl chloride	ug/kg	2500	1940	78	59-120	
Xylene (Total)	ug/kg	7500	7310	97	70-130	
1,2-Dichlorobenzene-d4 (S)	%			104	67-144	
4-Bromofluorobenzene (S)	%			102	72-142	
Toluene-d8 (S)	%			107	70-139	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2690189 2690190

Parameter	Units	40275591004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	208	1360	1360	1380	1260	86	77	56-130	9	20	
1,1,2,2-Tetrachloroethane	ug/kg	<24.6	1360	1360	1280	1250	94	92	70-133	2	20	
1,1,2-Trichloroethane	ug/kg	<24.7	1360	1360	1170	1130	86	83	70-130	4	20	
1,1-Dichloroethane	ug/kg	<17.4	1360	1360	1340	1290	98	95	70-130	4	20	
1,1-Dichloroethene	ug/kg	<22.6	1360	1360	972	824	71	61	52-122	16	20	
1,2,4-Trichlorobenzene	ug/kg	<56.0	1360	1360	1300	1310	96	96	66-136	0	20	
1,2-Dibromo-3-chloropropane	ug/kg	<52.7	1360	1360	1160	1150	85	85	59-131	1	23	
1,2-Dibromoethane (EDB)	ug/kg	<18.6	1360	1360	1210	1180	89	87	70-130	2	20	
1,2-Dichlorobenzene	ug/kg	<21.1	1360	1360	1460	1410	108	104	70-130	3	20	
1,2-Dichloroethane	ug/kg	<15.6	1360	1360	1360	1300	100	96	70-130	4	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2690189 2690190

Parameter	Units	40275591004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/kg	<16.2	1360	1360	1290	1290	95	95	77-121	0	20	
1,3-Dichlorobenzene	ug/kg	<18.6	1360	1360	1390	1380	102	102	70-130	1	20	
1,4-Dichlorobenzene	ug/kg	<18.6	1360	1360	1450	1360	106	100	70-130	6	20	
Benzene	ug/kg	<16.2	1360	1360	1250	1200	92	89	70-130	4	20	
Bromodichloromethane	ug/kg	<16.2	1360	1360	1330	1260	98	92	70-130	5	20	
Bromoform	ug/kg	<299	1360	1360	1030	979	75	72	67-130	5	20	
Bromomethane	ug/kg	<95.3	1360	1360	1260	1180	93	87	25-150	6	20	
Carbon tetrachloride	ug/kg	<14.9	1360	1360	1080	905	79	67	48-136	17	20	
Chlorobenzene	ug/kg	<8.1	1360	1360	1370	1330	101	98	70-130	3	20	
Chloroethane	ug/kg	<28.7	1360	1360	1100	1040	81	76	20-178	6	23	
Chloroform	ug/kg	<48.7	1360	1360	1290	1270	95	93	80-120	2	20	
Chloromethane	ug/kg	<25.8	1360	1360	803	741	59	54	23-132	8	20	
cis-1,2-Dichloroethene	ug/kg	<14.5	1360	1360	1220	1230	90	90	70-130	0	20	
cis-1,3-Dichloropropene	ug/kg	<44.8	1360	1360	1180	1130	87	83	70-130	5	20	
Dibromochloromethane	ug/kg	<232	1360	1360	1150	1120	85	82	70-130	3	20	
Dichlorodifluoromethane	ug/kg	<29.2	1360	1360	439	339	32	25	10-106	26	34	
Ethylbenzene	ug/kg	<16.2	1360	1360	1260	1190	92	88	80-120	5	20	
Isopropylbenzene (Cumene)	ug/kg	<18.3	1360	1360	1170	1060	86	78	70-130	9	20	
m&p-Xylene	ug/kg	<28.7	2710	2710	2520	2460	93	91	70-130	2	20	
Methyl-tert-butyl ether	ug/kg	<20.0	1360	1360	1270	1200	93	88	67-130	6	20	
Methylene Chloride	ug/kg	<18.9	1360	1360	1300	1250	96	92	70-130	4	20	
o-Xylene	ug/kg	<20.4	1360	1360	1320	1290	97	95	70-130	3	20	
Styrene	ug/kg	<17.4	1360	1360	1360	1340	100	98	70-130	2	20	
Tetrachloroethene	ug/kg	44.9J	1360	1360	1250	1090	89	77	70-130	14	20	
Toluene	ug/kg	<17.1	1360	1360	1260	1230	92	91	80-120	2	20	
trans-1,2-Dichloroethene	ug/kg	<14.9	1360	1360	1190	1070	87	79	70-130	10	20	
trans-1,3-Dichloropropene	ug/kg	<194	1360	1360	1130	1100	83	81	70-130	2	20	
Trichloroethene	ug/kg	<25.4	1360	1360	1300	1170	95	86	70-130	10	20	
Trichlorofluoromethane	ug/kg	<19.7	1360	1360	932	778	69	57	21-141	18	28	
Vinyl chloride	ug/kg	<13.7	1360	1360	788	639	58	47	29-120	21	20	R1
Xylene (Total)	ug/kg	<49.1	4080	4080	3840	3750	94	92	70-130	2	20	
1,2-Dichlorobenzene-d4 (S)	%						134	129	67-144			
4-Bromofluorobenzene (S)	%						129	123	72-142			
Toluene-d8 (S)	%						127	125	70-139			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

QC Batch: 469406
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275594001

METHOD BLANK: 2689565 Matrix: Water
Associated Lab Samples: 40275594001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	03/21/24 08:38	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	03/21/24 08:38	
1,1-Dichloroethane	ug/L	<0.30	1.0	03/21/24 08:38	
1,1-Dichloroethene	ug/L	<0.58	1.0	03/21/24 08:38	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	03/21/24 08:38	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	03/21/24 08:38	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	03/21/24 08:38	
1,2-Dichloroethane	ug/L	<0.29	1.0	03/21/24 08:38	
1,2-Dichloropropane	ug/L	<0.45	1.0	03/21/24 08:38	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	03/21/24 08:38	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	03/21/24 08:38	
Benzene	ug/L	<0.30	1.0	03/21/24 08:38	
Bromodichloromethane	ug/L	<0.42	1.0	03/21/24 08:38	
Bromoform	ug/L	<0.43	1.0	03/21/24 08:38	
Bromomethane	ug/L	<1.2	5.0	03/21/24 08:38	
Carbon tetrachloride	ug/L	<0.37	1.0	03/21/24 08:38	
Chlorobenzene	ug/L	<0.86	1.0	03/21/24 08:38	
Chloroethane	ug/L	<1.4	5.0	03/21/24 08:38	
Chloroform	ug/L	<0.50	5.0	03/21/24 08:38	
Chloromethane	ug/L	<1.6	5.0	03/21/24 08:38	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	03/21/24 08:38	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	03/21/24 08:38	
Dibromochloromethane	ug/L	<2.6	5.0	03/21/24 08:38	
Dibromomethane	ug/L	<0.99	5.0	03/21/24 08:38	
Dichlorodifluoromethane	ug/L	<0.46	5.0	03/21/24 08:38	
Ethylbenzene	ug/L	<0.33	1.0	03/21/24 08:38	
m&p-Xylene	ug/L	<0.70	2.0	03/21/24 08:38	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	03/21/24 08:38	
Methylene Chloride	ug/L	<0.32	5.0	03/21/24 08:38	
Naphthalene	ug/L	<1.9	5.0	03/21/24 08:38	
o-Xylene	ug/L	<0.35	1.0	03/21/24 08:38	
Styrene	ug/L	<0.36	1.0	03/21/24 08:38	
Tetrachloroethene	ug/L	<0.41	1.0	03/21/24 08:38	
Toluene	ug/L	<0.29	1.0	03/21/24 08:38	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	03/21/24 08:38	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	03/21/24 08:38	
Trichloroethene	ug/L	<0.32	1.0	03/21/24 08:38	
Trichlorofluoromethane	ug/L	<0.42	1.0	03/21/24 08:38	
Vinyl chloride	ug/L	<0.17	1.0	03/21/24 08:38	
Xylene (Total)	ug/L	<1.0	3.0	03/21/24 08:38	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

METHOD BLANK: 2689565 Matrix: Water
Associated Lab Samples: 40275594001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichlorobenzene-d4 (S)	%	98	70-130	03/21/24 08:38	
4-Bromofluorobenzene (S)	%	104	70-130	03/21/24 08:38	
Toluene-d8 (S)	%	103	70-130	03/21/24 08:38	

LABORATORY CONTROL SAMPLE: 2689566

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	46.9	94	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	50.5	101	70-130	
1,1,2-Trichloroethane	ug/L	50	51.4	103	70-130	
1,1-Dichloroethane	ug/L	50	54.1	108	70-130	
1,1-Dichloroethene	ug/L	50	44.4	89	73-140	
1,2,4-Trichlorobenzene	ug/L	50	45.2	90	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.9	104	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	57.5	115	70-130	
1,2-Dichlorobenzene	ug/L	50	49.6	99	70-130	
1,2-Dichloroethane	ug/L	50	51.7	103	70-130	
1,2-Dichloropropane	ug/L	50	53.5	107	77-127	
1,3-Dichlorobenzene	ug/L	50	49.8	100	70-130	
1,4-Dichlorobenzene	ug/L	50	51.6	103	70-130	
Benzene	ug/L	50	49.6	99	70-130	
Bromodichloromethane	ug/L	50	53.4	107	70-130	
Bromoform	ug/L	50	40.8	82	70-130	
Bromomethane	ug/L	50	40.3	81	22-141	
Carbon tetrachloride	ug/L	50	44.4	89	70-135	
Chlorobenzene	ug/L	50	51.1	102	70-130	
Chloroethane	ug/L	50	48.5	97	59-141	
Chloroform	ug/L	50	49.5	99	80-124	
Chloromethane	ug/L	50	35.3	71	29-150	
cis-1,2-Dichloroethene	ug/L	50	46.7	93	70-130	
cis-1,3-Dichloropropene	ug/L	50	43.1	86	70-130	
Dibromochloromethane	ug/L	50	43.7	87	70-130	
Dichlorodifluoromethane	ug/L	50	27.2	54	10-147	
Ethylbenzene	ug/L	50	52.2	104	80-125	
Isopropylbenzene (Cumene)	ug/L	50	48.1	96	70-130	
m&p-Xylene	ug/L	100	103	103	70-130	
Methyl-tert-butyl ether	ug/L	50	41.2	82	64-131	
Methylene Chloride	ug/L	50	49.9	100	70-137	
o-Xylene	ug/L	50	51.0	102	70-130	
Styrene	ug/L	50	52.7	105	70-130	
Tetrachloroethene	ug/L	50	44.9	90	70-130	
Toluene	ug/L	50	51.7	103	80-120	
trans-1,2-Dichloroethene	ug/L	50	49.1	98	70-131	
trans-1,3-Dichloropropene	ug/L	50	43.9	88	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

LABORATORY CONTROL SAMPLE: 2689566

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	50	50.0	100	70-130	
Trichlorofluoromethane	ug/L	50	45.6	91	69-141	
Vinyl chloride	ug/L	50	44.2	88	51-145	
Xylene (Total)	ug/L	150	154	102	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			104	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

QC Batch: 469553
QC Batch Method: EPA 3541
Analysis Method: EPA 8082A
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275594002

METHOD BLANK: 2690164 Matrix: Solid
Associated Lab Samples: 40275594002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	03/19/24 15:06	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	03/19/24 15:06	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	03/19/24 15:06	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	03/19/24 15:06	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	03/19/24 15:06	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	03/19/24 15:06	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	03/19/24 15:06	
Decachlorobiphenyl (S)	%	92	34-120	03/19/24 15:06	
Tetrachloro-m-xylene (S)	%	95	44-120	03/19/24 15:06	

LABORATORY CONTROL SAMPLE: 2690165

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	518	104	69-120	
Decachlorobiphenyl (S)	%			102	34-120	
Tetrachloro-m-xylene (S)	%			104	44-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2690166 2690167

Parameter	Units	40275485012 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/kg	<16.2			<16.3	<16.3					20	
PCB-1221 (Aroclor 1221)	ug/kg	<16.2			<16.3	<16.3					20	
PCB-1232 (Aroclor 1232)	ug/kg	<16.2			<16.3	<16.3					20	
PCB-1242 (Aroclor 1242)	ug/kg	<16.2			<16.3	<16.3					20	
PCB-1248 (Aroclor 1248)	ug/kg	<16.2			<16.3	<16.3					20	
PCB-1254 (Aroclor 1254)	ug/kg	<16.2			<16.3	<16.3					20	
PCB-1260 (Aroclor 1260)	ug/kg	<16.2	535	534	513	522	96	98	51-120	2	20	
Decachlorobiphenyl (S)	%						93	97	34-120			
Tetrachloro-m-xylene (S)	%						99	101	44-120			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

QC Batch: 469411
QC Batch Method: EPA 3510
Analysis Method: EPA 8082A
Analysis Description: 8082A GCS PCB Low Volume
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275594001

METHOD BLANK: 2689575 Matrix: Water
Associated Lab Samples: 40275594001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	<0.11	0.50	03/18/24 20:29	
PCB-1221 (Aroclor 1221)	ug/L	<0.11	0.50	03/18/24 20:29	
PCB-1232 (Aroclor 1232)	ug/L	<0.11	0.50	03/18/24 20:29	
PCB-1242 (Aroclor 1242)	ug/L	<0.11	0.50	03/18/24 20:29	
PCB-1248 (Aroclor 1248)	ug/L	<0.11	0.50	03/18/24 20:29	
PCB-1254 (Aroclor 1254)	ug/L	<0.11	0.50	03/18/24 20:29	
PCB-1260 (Aroclor 1260)	ug/L	<0.11	0.50	03/18/24 20:29	
Decachlorobiphenyl (S)	%	34	10-132	03/18/24 20:29	
Tetrachloro-m-xylene (S)	%	51	41-120	03/18/24 20:29	

LABORATORY CONTROL SAMPLE & LCSD: 2689576 2689577

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	4.7	5.1	93	102	70-120	9	20	
Decachlorobiphenyl (S)	%				63	83	10-132			
Tetrachloro-m-xylene (S)	%				70	74	41-120			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

QC Batch: 469518
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E/3546 MSSV PAH by SIM
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275594002

METHOD BLANK: 2690000 Matrix: Solid
Associated Lab Samples: 40275594002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	03/19/24 10:20	
2-Methylnaphthalene	ug/kg	<2.4	16.7	03/19/24 10:20	
Acenaphthene	ug/kg	<2.2	16.7	03/19/24 10:20	
Acenaphthylene	ug/kg	<2.1	16.7	03/19/24 10:20	
Anthracene	ug/kg	<2.1	16.7	03/19/24 10:20	
Benzo(a)anthracene	ug/kg	<2.2	16.7	03/19/24 10:20	
Benzo(a)pyrene	ug/kg	<1.9	16.7	03/19/24 10:20	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	03/19/24 10:20	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	03/19/24 10:20	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	03/19/24 10:20	
Chrysene	ug/kg	<3.2	16.7	03/19/24 10:20	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	03/19/24 10:20	
Fluoranthene	ug/kg	<2.0	16.7	03/19/24 10:20	
Fluorene	ug/kg	<2.0	16.7	03/19/24 10:20	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	03/19/24 10:20	
Naphthalene	ug/kg	<1.6	16.7	03/19/24 10:20	
Phenanthrene	ug/kg	<1.9	16.7	03/19/24 10:20	
Pyrene	ug/kg	<2.5	16.7	03/19/24 10:20	
2-Fluorobiphenyl (S)	%	72	39-120	03/19/24 10:20	
Terphenyl-d14 (S)	%	84	36-120	03/19/24 10:20	

LABORATORY CONTROL SAMPLE: 2690001

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	260	78	62-120	
2-Methylnaphthalene	ug/kg	334	262	79	61-120	
Acenaphthene	ug/kg	334	292	88	66-120	
Acenaphthylene	ug/kg	334	292	88	63-120	
Anthracene	ug/kg	334	308	92	72-120	
Benzo(a)anthracene	ug/kg	334	318	95	64-120	
Benzo(a)pyrene	ug/kg	334	329	99	76-120	
Benzo(b)fluoranthene	ug/kg	334	343	103	62-120	
Benzo(g,h,i)perylene	ug/kg	334	392	117	73-120	
Benzo(k)fluoranthene	ug/kg	334	330	99	69-120	
Chrysene	ug/kg	334	301	90	70-120	
Dibenz(a,h)anthracene	ug/kg	334	386	116	72-120	
Fluoranthene	ug/kg	334	307	92	71-120	
Fluorene	ug/kg	334	285	85	68-120	
Indeno(1,2,3-cd)pyrene	ug/kg	334	367	110	72-120	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

LABORATORY CONTROL SAMPLE: 2690001

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	334	258	77	60-120	
Phenanthrene	ug/kg	334	322	96	66-120	
Pyrene	ug/kg	334	321	96	65-120	
2-Fluorobiphenyl (S)	%			80	39-120	
Terphenyl-d14 (S)	%			90	36-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2690002 2690003

Parameter	Units	40275341006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<2.9	396	396	277	268	69	67	50-120	3	34	
2-Methylnaphthalene	ug/kg	<2.9	396	396	282	275	70	69	48-120	3	29	
Acenaphthene	ug/kg	<2.6	396	396	307	305	77	77	51-120	1	26	
Acenaphthylene	ug/kg	<2.5	396	396	318	335	80	84	49-120	5	22	
Anthracene	ug/kg	<2.5	396	396	325	303	82	76	52-120	7	25	
Benzo(a)anthracene	ug/kg	<2.6	396	396	345	326	87	82	47-120	6	37	
Benzo(a)pyrene	ug/kg	<2.3	396	396	351	357	88	90	53-120	2	33	
Benzo(b)fluoranthene	ug/kg	3.4J	396	396	369	356	92	89	43-120	3	43	
Benzo(g,h,i)perylene	ug/kg	4.7J	396	396	369	375	92	93	38-120	2	36	
Benzo(k)fluoranthene	ug/kg	<2.5	396	396	354	320	89	80	49-120	10	30	
Chrysene	ug/kg	5.7J	396	396	325	301	80	75	45-120	7	28	
Dibenz(a,h)anthracene	ug/kg	<2.7	396	396	351	358	88	90	41-120	2	33	
Fluoranthene	ug/kg	3.3J	396	396	324	311	81	78	50-120	4	43	
Fluorene	ug/kg	<2.4	396	396	291	306	73	77	47-120	5	27	
Indeno(1,2,3-cd)pyrene	ug/kg	<4.1	396	396	338	348	85	87	35-120	3	33	
Naphthalene	ug/kg	2.5J	396	396	286	282	71	70	42-120	1	26	
Phenanthrene	ug/kg	3.7J	396	396	358	343	89	86	45-120	4	24	
Pyrene	ug/kg	4.6J	396	396	299	282	74	70	42-120	6	41	
2-Fluorobiphenyl (S)	%						72	71	39-120			
Terphenyl-d14 (S)	%						69	69	36-120			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

QC Batch: 469617
QC Batch Method: EPA 3510
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E Water PAH
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275594001

METHOD BLANK: 2690458 Matrix: Water
Associated Lab Samples: 40275594001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	03/21/24 15:50	
2-Methylnaphthalene	ug/L	<0.014	0.050	03/21/24 15:50	
Acenaphthene	ug/L	<0.014	0.050	03/21/24 15:50	
Acenaphthylene	ug/L	<0.013	0.050	03/21/24 15:50	
Anthracene	ug/L	<0.018	0.050	03/21/24 15:50	
Benzo(a)anthracene	ug/L	<0.014	0.050	03/21/24 15:50	
Benzo(a)pyrene	ug/L	<0.013	0.050	03/21/24 15:50	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	03/21/24 15:50	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	03/21/24 15:50	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	03/21/24 15:50	
Chrysene	ug/L	<0.013	0.050	03/21/24 15:50	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	03/21/24 15:50	
Fluoranthene	ug/L	<0.026	0.050	03/21/24 15:50	
Fluorene	ug/L	<0.024	0.050	03/21/24 15:50	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	03/21/24 15:50	
Naphthalene	ug/L	<0.020	0.050	03/21/24 15:50	
Phenanthrene	ug/L	<0.026	0.050	03/21/24 15:50	
Pyrene	ug/L	<0.023	0.050	03/21/24 15:50	
2-Fluorobiphenyl (S)	%	56	38-120	03/21/24 15:50	
Terphenyl-d14 (S)	%	66	47-121	03/21/24 15:50	

LABORATORY CONTROL SAMPLE & LCSD: 2690459 2690460

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.4	1.4	70	68	57-120	2	20	
2-Methylnaphthalene	ug/L	2	1.4	1.4	69	68	55-120	1	20	
Acenaphthene	ug/L	2	1.4	1.4	71	69	60-120	2	20	
Acenaphthylene	ug/L	2	1.5	1.4	73	72	58-120	1	20	
Anthracene	ug/L	2	1.6	1.6	80	78	58-120	2	20	
Benzo(a)anthracene	ug/L	2	1.7	1.6	84	82	51-120	3	20	
Benzo(a)pyrene	ug/L	2	1.6	1.6	82	79	59-120	4	20	
Benzo(b)fluoranthene	ug/L	2	1.6	1.6	82	79	52-120	3	20	
Benzo(g,h,i)perylene	ug/L	2	1.6	1.5	78	76	62-120	3	20	
Benzo(k)fluoranthene	ug/L	2	1.7	1.6	83	79	59-120	5	20	
Chrysene	ug/L	2	1.6	1.6	81	78	55-125	4	20	
Dibenz(a,h)anthracene	ug/L	2	1.5	1.3	74	65	60-120	14	20	
Fluoranthene	ug/L	2	1.5	1.5	77	74	62-120	3	20	
Fluorene	ug/L	2	1.4	1.4	72	71	61-120	2	20	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.7	1.7	83	83	62-120	0	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

LABORATORY CONTROL SAMPLE & LCSD: 2690459 2690460

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Naphthalene	ug/L	2	1.4	1.3	69	67	55-120	3	20	
Phenanthrene	ug/L	2	1.6	1.5	79	76	55-120	3	20	
Pyrene	ug/L	2	1.6	1.6	82	81	53-120	1	20	
2-Fluorobiphenyl (S)	%				61	60	38-120			
Terphenyl-d14 (S)	%				70	69	47-121			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

QC Batch: 469465
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275594002

SAMPLE DUPLICATE: 2689842

Parameter	Units	40275562002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.7	17.3	3	10	

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

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 - The reported result is an estimated value.

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.

DL - Adjusted Method Detection Limit.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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: 469453

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

Batch: 469645

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

ANALYTE QUALIFIERS

1q	Analyte was measured in the associated method blank at a concentration of -0.02mg/kg
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690023383 BECHER ST
Pace Project No.: 40275594

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40275594002	**12 PIT 8-9**	EPA 3541	469553	EPA 8082A	469563
40275594001	**12 PIT**	EPA 3510	469411	EPA 8082A	469453
40275594002	**12 PIT 8-9**	EPA 3050B	469274	EPA 6010D	469578
40275594002	**12 PIT 8-9**	EPA 7471	469663	EPA 7471	469741
40275594002	**12 PIT 8-9**	EPA 3546	469518	EPA 8270E by SIM	469547
40275594001	**12 PIT**	EPA 3510	469617	EPA 8270E by SIM	469645
40275594002	**12 PIT 8-9**	EPA 5035/5030B	469558	EPA 8260	469561
40275594001	**12 PIT**	EPA 8260	469406		
40275594002	**12 PIT 8-9**	ASTM D2974-87	469465		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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: 40275594

ALL SHADED AREAS are for LAB USE ONLY

Company: RAMBOLL	Billing Information:
Address: 234 W FLORIDA	
Report To: Ric MAZ	Email To:
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: BECHER ST	State: WI / County/City: MILWAUKEE Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): D GLASFORD	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive. ____ [ ] Hold. ____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [X] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [X] No / Analysis: ____

Preservative Type ** | Lab Project Manager:

U U 3 6 U

** Preservative Types: (U) 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 ____

* 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 (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	PAH	PCB	VOC	RCRA 8	Lab Profile/Line:
12 PIT	GW	G	3.13	1400					X	X	X	X	001
12 PIT 8-9	SOIL	G	3.13	1415					X	X	X	X	002

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:

3/16/2024

Customer Remarks / Special Conditions / Possible Hazards:
* 03/18/2024 -Please cancel the RCRA 8 metals analyses for water sample (12 Pit) collected on 3/15/2024 (not field filtered). Ramboll will resubmit a new 12 Pit water sample for RCRA 8 metals analyses.

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 #: 2829638 (3/18/2024)

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: ____
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	3-15-24 930	CS LOGISTICS	3.15.24 930
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
CS Logistics	03/16/2024 08:45		03/16/2024 08:45
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

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 ____ of: ____

Sample Preservation Receipt Form

Client Name: Ramboll

Project # 40275594

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

Lab Lot# of pH paper:

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

Initial when completed: MS 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						3																	2.5 / 5
002																		1		4			1			1								2.5 / 5
003																																		2.5 / 5
004																																		2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007																MS																		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

03/16/2024

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

MS 03/16/2024

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	60ml clear plastic unpres
						GN 2	

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40275594

40275594

Client Name: Ramball

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 - 131 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr. 1.0 /Corr. 0.5

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

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

Person examining contents:
Date: 03/16/2024 /Initials: MM

Labeled By Initials: SC

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

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: no SCEPTA on received VGM. MM 03/16/2024

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

Page 2 of 2

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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: 40275594

ALL SHADED AREAS are for LAB USE ONLY

Company: RAMBOLL	Billing Information:
Address: 234 W FLORIDA	
Report To: Ric MAZ	Email To:
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: BECHER ST	State: WI / County/City: MILWAUKEE Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): D GLASFORD	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: / 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): [ ] Yes [X] No / Analysis: _____

* 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 (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: PAH	PCB	VOC	RCRA 8	Lab Profile/Line:
12 PIT	GW	G	3.13	1400					X	X	X	X	001
12 PIT 8-9	SOIL	G	3.13	1415					X	X	X	X	002

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:

03/16/2024

Customer Remarks / Special Conditions / Possible Hazards:

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 #: 28296138 03/18/2024

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____oC
Cooler 1 Therm Corr. Factor: _____oC
Cooler 1 Corrected Temp: _____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	3-15-24 930	CS LOGISTICS	3.15.24 930
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
CS Logistics	03/16/2024 08:45		03/16/2024 08:45
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

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

Client Name: Ramboll

Sample Preservation Receipt Form

Project # 40275594

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

Initial when completed: MS Date/Time

Lab Lot# of pH paper:

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

Pace Lab #	Glass						Plastic						Vials						Jars				General				VOA Vials (>6mm)*	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	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						3																	2.5 / 5
002																		1		4			1			1								2.5 / 5
003																																		2.5 / 5
004																																		2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007																MS																		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

03/16/2024

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

MS 03/16/2024

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	60ml clear plastic unpres
						GN 2	

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40275594

40275594

Client Name: Ramball

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 - 131 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr. 1.0 /Corr. 0.5

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

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

Person examining contents:
Date: 03/16/2024 /Initials: MM

Labeled By Initials: SC

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

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: no SCEPTA on received VGM. MM 03/16/2024

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

Page 2 of 2

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

March 22, 2024

Richard Mazurkiewicz
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: 1690023383 BECHER ST
Pace Project No.: 40275637

Dear Richard Mazurkiewicz:

Enclosed are the analytical results for sample(s) received by the laboratory on March 19, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: Duncan Glasford, Ramboll US Consulting, Inc.
Kyle Heimstead, Ramboll US Consulting, Inc.

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

CERTIFICATIONS

Project: 1690023383 BECHER ST
Pace Project No.: 40275637

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: 1690023383 BECHER ST
Pace Project No.: 40275637

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40275637001	**12 PIT**	Water	03/18/24 11:30	03/19/24 08:55

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

SAMPLE ANALYTE COUNT

Project: 1690023383 BECHER ST
Pace Project No.: 40275637

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40275637001	**12 PIT**	EPA 6020B	KXS	7
		EPA 7470	RZA	1

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275637

Sample: 12 PIT **Lab ID: 40275637001** Collected: 03/18/24 11:30 Received: 03/19/24 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**1.1**	ug/L	1.0	0.28	1	03/20/24 05:48	03/21/24 17:04	7440-38-2	
Barium, Dissolved	**17.2**	ug/L	2.3	0.70	1	03/20/24 05:48	03/21/24 17:04	7440-39-3	
Cadmium, Dissolved	**<0.15**	ug/L	1.0	0.15	1	03/20/24 05:48	03/21/24 17:04	7440-43-9	
Chromium, Dissolved	**<1.0**	ug/L	3.4	1.0	1	03/20/24 05:48	03/21/24 17:04	7440-47-3	
Lead, Dissolved	**<0.24**	ug/L	1.0	0.24	1	03/20/24 05:48	03/21/24 17:04	7439-92-1	
Selenium, Dissolved	**0.90J**	ug/L	1.1	0.32	1	03/20/24 05:48	03/21/24 17:04	7782-49-2	
Silver, Dissolved	**<0.13**	ug/L	0.50	0.13	1	03/20/24 05:48	03/21/24 17:04	7440-22-4	
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	03/20/24 12:16	03/21/24 09:59	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275637

QC Batch: 469654
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275637001

METHOD BLANK: 2690643 Matrix: Water
Associated Lab Samples: 40275637001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	0.070J	0.20	03/21/24 09:20	

LABORATORY CONTROL SAMPLE: 2690644

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2690645 2690646

Parameter	Units	40275407001 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	<0.000066 mg/L	5	5	5.6	5.3	110	105	85-115	5	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
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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275637

QC Batch: 469611
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275637001

METHOD BLANK: 2690438 Matrix: Water
Associated Lab Samples: 40275637001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<0.28	1.0	03/21/24 16:49	
Barium, Dissolved	ug/L	<0.70	2.3	03/21/24 16:49	
Cadmium, Dissolved	ug/L	<0.15	1.0	03/21/24 16:49	
Chromium, Dissolved	ug/L	<1.0	3.4	03/21/24 16:49	
Lead, Dissolved	ug/L	<0.24	1.0	03/21/24 16:49	
Selenium, Dissolved	ug/L	<0.32	1.1	03/21/24 16:49	
Silver, Dissolved	ug/L	<0.13	0.50	03/21/24 16:49	

LABORATORY CONTROL SAMPLE: 2690439

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	250	265	106	80-120	
Barium, Dissolved	ug/L	250	248	99	80-120	
Cadmium, Dissolved	ug/L	250	268	107	80-120	
Chromium, Dissolved	ug/L	250	265	106	80-120	
Lead, Dissolved	ug/L	250	265	106	80-120	
Selenium, Dissolved	ug/L	250	275	110	80-120	
Silver, Dissolved	ug/L	125	133	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2690440 2690441

Parameter	Units	40275637001 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	1.1	250	250	261	258	104	103	75-125	1	20	
Barium, Dissolved	ug/L	17.2	250	250	261	260	98	97	75-125	1	20	
Cadmium, Dissolved	ug/L	<0.15	250	250	265	262	106	105	75-125	1	20	
Chromium, Dissolved	ug/L	<1.0	250	250	259	257	103	102	75-125	1	20	
Lead, Dissolved	ug/L	<0.24	250	250	268	270	107	108	75-125	1	20	
Selenium, Dissolved	ug/L	0.90J	250	250	269	269	107	107	75-125	0	20	
Silver, Dissolved	ug/L	<0.13	125	125	127	126	102	101	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 1690023383 BECHER ST
Pace Project No.: 40275637

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 - The reported result is an estimated value.

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.

DL - Adjusted Method Detection Limit.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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

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

TNI - The NELAC Institute.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690023383 BECHER ST
Pace Project No.: 40275637

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40275637001	**12 PIT**	EPA 3010A	469611	EPA 6020B	469665
40275637001	**12 PIT**	EPA 7470	469654	EPA 7470	469700

40275637

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https //info pacelabs com/hubfs/pas-standard-terms pdf

Page : 1 Of 1

Section A Required Client Information.	Section B Required Project Information:	Section C Invoice Information:
Company. Ramboll	Report To ~~Plank, Evven~~ Richard Mazurkiewicz	Attention SAME
Address 234 W Florida St	Copy To Steven Kikkert	Company Name
5th Floor, Milwaukee, WI 53204		Address
Email ~~evven.plank@ramboll.com~~ skikkert@ramboll.com	Purchase Order #	Pace Quote Steve.Mieczko
Phone NONE Fax.	Project Name ~~Manitowoc MGP~~ Beaver St	Pace Project Manager ~~steven.hasten@pacelabs.com~~
Requested Due Date 3-Day Rush	Project # 169002 33383	Pace Profile #: 3570 #3

Regulatory Agency

State / Location WI

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	Total Dissolved Solids (TDS)	TOC by 5310	Metals	PVOC	PAH SIM	Sulfate & Alkalinity	Nitrate + Nitrite	Trip Blank	Residual Chlorine (Y/N)	
1	12 PIT	WT	G	3/18	11:30				1			X								X								RCRA (Diss.) 001
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Steven Kikkert/Ramboll	3/18	12:40							
	CS Logistics	3/19/24	0855	E. Jeff Pace	3/19/24	0855	00	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Steven Kikkert

SIGNATURE of SAMPLER: Steven Kikkert DATE Signed: 3/18/24

TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Sample Preservation Receipt Form

Client Name: Ramboll Project # 402756237

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

Lab Lot# of pH paper 10D0134 Lab Std #ID of preservation (if pH adjusted)

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	Vials: VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																																X		2.5 / 5
002																																		2.5 / 5
003																																		2.5 / 5
004																																		2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007																																		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

CA 3/19/24

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# : 40275637

40275637

Client Name: Rambol

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 - 110 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 0.0 /Corr: 0.0

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

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

Person examining contents:
Date: 3/19/24 /Initials: G

Labeled By Initials: MJB

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

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

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

March 26, 2024

Richard Mazurkiewicz
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Dear Richard Mazurkiewicz:

Enclosed are the analytical results for sample(s) received by the laboratory on March 21, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: Duncan Glasford, Ramboll US Consulting, Inc.
Kyle Heimstead, Ramboll US Consulting, Inc.

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

CERTIFICATIONS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

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: 1690023383 BECHER ST
Pace Project No.: 40275781

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40275781001	**C1 PIT SOIL**	Solid	03/20/24 10:00	03/21/24 09:00
40275781002	**C1 PIT GW**	Water	03/20/24 10:00	03/21/24 09:00

Pace Analytical Services, LLC
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(920)469-2436

SAMPLE ANALYTE COUNT

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40275781001	**C1 PIT SOIL**	EPA 8082A	BDS	10
		EPA 6010D	SIS	7
		EPA 7471	RZA	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	EIB	65
		ASTM D2974-87	SRG	1
40275781002	**C1 PIT GW**	EPA 8082A	BDS	10
		EPA 6020B	KXS	7
		EPA 7470	RZA	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	65

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Sample: C1 PIT SOIL **Lab ID: 40275781001** Collected: 03/20/24 10:00 Received: 03/21/24 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	12674-11-2	
PCB-1221 (Aroclor 1221)	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	11104-28-2	
PCB-1232 (Aroclor 1232)	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	11141-16-5	
PCB-1242 (Aroclor 1242)	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	53469-21-9	
PCB-1248 (Aroclor 1248)	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	12672-29-6	
PCB-1254 (Aroclor 1254)	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	11097-69-1	
PCB-1260 (Aroclor 1260)	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	11096-82-5	
PCB, Total	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	88	%	44-120		1	03/22/24 10:47	03/23/24 03:35	877-09-8	
Decachlorobiphenyl (S)	81	%	34-120		1	03/22/24 10:47	03/23/24 03:35	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**10.5**	mg/kg	2.8	1.6	1	03/22/24 07:40	03/26/24 11:56	7440-38-2	
Barium	**94.5**	mg/kg	0.56	0.17	1	03/22/24 07:40	03/26/24 11:56	7440-39-3	
Cadmium	**1.3**	mg/kg	0.56	0.15	1	03/22/24 07:40	03/26/24 11:56	7440-43-9	
Chromium	**18.7**	mg/kg	1.1	0.31	1	03/22/24 07:40	03/26/24 11:56	7440-47-3	
Lead	**275**	mg/kg	2.2	0.67	1	03/22/24 07:40	03/26/24 11:56	7439-92-1	
Selenium	**<1.5**	mg/kg	4.5	1.5	1	03/22/24 07:40	03/26/24 11:56	7782-49-2	
Silver	**<0.34**	mg/kg	1.1	0.34	1	03/22/24 07:40	03/26/24 11:56	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.051**	mg/kg	0.040	0.011	1	03/26/24 08:30	03/26/24 12:03	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**34.4J**	ug/kg	81.9	10.6	4	03/25/24 07:54	03/25/24 17:21	83-32-9	
Acenaphthylene	**29.2J**	ug/kg	81.9	10.3	4	03/25/24 07:54	03/25/24 17:21	208-96-8	
Anthracene	**84.4**	ug/kg	81.9	10.2	4	03/25/24 07:54	03/25/24 17:21	120-12-7	
Benzo(a)anthracene	**262**	ug/kg	81.9	10.6	4	03/25/24 07:54	03/25/24 17:21	56-55-3	
Benzo(a)pyrene	**342**	ug/kg	81.9	9.3	4	03/25/24 07:54	03/25/24 17:21	50-32-8	
Benzo(b)fluoranthene	**415**	ug/kg	81.9	11.4	4	03/25/24 07:54	03/25/24 17:21	205-99-2	
Benzo(g,h,i)perylene	**262**	ug/kg	81.9	14.4	4	03/25/24 07:54	03/25/24 17:21	191-24-2	
Benzo(k)fluoranthene	**155**	ug/kg	81.9	10.5	4	03/25/24 07:54	03/25/24 17:21	207-08-9	
Chrysene	**321**	ug/kg	81.9	15.4	4	03/25/24 07:54	03/25/24 17:21	218-01-9	
Dibenz(a,h)anthracene	**66.6J**	ug/kg	81.9	11.3	4	03/25/24 07:54	03/25/24 17:21	53-70-3	
Fluoranthene	**711**	ug/kg	81.9	9.7	4	03/25/24 07:54	03/25/24 17:21	206-44-0	
Fluorene	**30.3J**	ug/kg	81.9	9.8	4	03/25/24 07:54	03/25/24 17:21	86-73-7	
Indeno(1,2,3-cd)pyrene	**198**	ug/kg	81.9	17.1	4	03/25/24 07:54	03/25/24 17:21	193-39-5	
1-Methylnaphthalene	**232**	ug/kg	81.9	12.0	4	03/25/24 07:54	03/25/24 17:21	90-12-0	
2-Methylnaphthalene	**264**	ug/kg	81.9	12.0	4	03/25/24 07:54	03/25/24 17:21	91-57-6	
Naphthalene	**220**	ug/kg	81.9	8.0	4	03/25/24 07:54	03/25/24 17:21	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Sample: C1 PIT SOIL **Lab ID: 40275781001** Collected: 03/20/24 10:00 Received: 03/21/24 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**735**	ug/kg	81.9	9.4	4	03/25/24 07:54	03/25/24 17:21	85-01-8	
Pyrene	**573**	ug/kg	81.9	12.0	4	03/25/24 07:54	03/25/24 17:21	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	46	%	39-120		4	03/25/24 07:54	03/25/24 17:21	321-60-8	
Terphenyl-d14 (S)	51	%	36-120		4	03/25/24 07:54	03/25/24 17:21	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<21.3**	ug/kg	88.7	21.3	1	03/22/24 08:45	03/26/24 13:18	630-20-6	
1,1,1-Trichloroethane	**<22.7**	ug/kg	88.7	22.7	1	03/22/24 08:45	03/26/24 13:18	71-55-6	
1,1,2,2-Tetrachloroethane	**<32.1**	ug/kg	88.7	32.1	1	03/22/24 08:45	03/26/24 13:18	79-34-5	
1,1,2-Trichloroethane	**<32.3**	ug/kg	88.7	32.3	1	03/22/24 08:45	03/26/24 13:18	79-00-5	
1,1-Dichloroethane	**<22.7**	ug/kg	88.7	22.7	1	03/22/24 08:45	03/26/24 13:18	75-34-3	
1,1-Dichloroethene	**<29.5**	ug/kg	88.7	29.5	1	03/22/24 08:45	03/26/24 13:18	75-35-4	
1,1-Dichloropropene	**<28.8**	ug/kg	88.7	28.8	1	03/22/24 08:45	03/26/24 13:18	563-58-6	
1,2,3-Trichlorobenzene	**<98.9**	ug/kg	444	98.9	1	03/22/24 08:45	03/26/24 13:18	87-61-6	
1,2,3-Trichloropropane	**<43.1**	ug/kg	88.7	43.1	1	03/22/24 08:45	03/26/24 13:18	96-18-4	
1,2,4-Trichlorobenzene	**<73.1**	ug/kg	444	73.1	1	03/22/24 08:45	03/26/24 13:18	120-82-1	
1,2,4-Trimethylbenzene	**175**	ug/kg	88.7	26.4	1	03/22/24 08:45	03/26/24 13:18	95-63-6	
1,2-Dibromo-3-chloropropane	**<68.9**	ug/kg	444	68.9	1	03/22/24 08:45	03/26/24 13:18	96-12-8	
1,2-Dibromoethane (EDB)	**<24.3**	ug/kg	88.7	24.3	1	03/22/24 08:45	03/26/24 13:18	106-93-4	
1,2-Dichlorobenzene	**<27.5**	ug/kg	88.7	27.5	1	03/22/24 08:45	03/26/24 13:18	95-50-1	
1,2-Dichloroethane	**<20.4**	ug/kg	88.7	20.4	1	03/22/24 08:45	03/26/24 13:18	107-06-2	
1,2-Dichloropropane	**<21.1**	ug/kg	88.7	21.1	1	03/22/24 08:45	03/26/24 13:18	78-87-5	
1,3,5-Trimethylbenzene	**55.1J**	ug/kg	88.7	28.6	1	03/22/24 08:45	03/26/24 13:18	108-67-8	
1,3-Dichlorobenzene	**<24.3**	ug/kg	88.7	24.3	1	03/22/24 08:45	03/26/24 13:18	541-73-1	
1,3-Dichloropropane	**<19.3**	ug/kg	88.7	19.3	1	03/22/24 08:45	03/26/24 13:18	142-28-9	
1,4-Dichlorobenzene	**<24.3**	ug/kg	88.7	24.3	1	03/22/24 08:45	03/26/24 13:18	106-46-7	
2,2-Dichloropropane	**<24.0**	ug/kg	88.7	24.0	1	03/22/24 08:45	03/26/24 13:18	594-20-7	
2-Chlorotoluene	**<28.8**	ug/kg	88.7	28.8	1	03/22/24 08:45	03/26/24 13:18	95-49-8	
4-Chlorotoluene	**<33.7**	ug/kg	88.7	33.7	1	03/22/24 08:45	03/26/24 13:18	106-43-4	
Benzene	**34.1J**	ug/kg	35.5	21.1	1	03/22/24 08:45	03/26/24 13:18	71-43-2	
Bromobenzene	**<34.6**	ug/kg	88.7	34.6	1	03/22/24 08:45	03/26/24 13:18	108-86-1	
Bromochloromethane	**<24.3**	ug/kg	88.7	24.3	1	03/22/24 08:45	03/26/24 13:18	74-97-5	
Bromodichloromethane	**<21.1**	ug/kg	88.7	21.1	1	03/22/24 08:45	03/26/24 13:18	75-27-4	
Bromoform	**<390**	ug/kg	444	390	1	03/22/24 08:45	03/26/24 13:18	75-25-2	
Bromomethane	**<124**	ug/kg	444	124	1	03/22/24 08:45	03/26/24 13:18	74-83-9	
Carbon tetrachloride	**<19.5**	ug/kg	88.7	19.5	1	03/22/24 08:45	03/26/24 13:18	56-23-5	
Chlorobenzene	**<10.6**	ug/kg	88.7	10.6	1	03/22/24 08:45	03/26/24 13:18	108-90-7	
Chloroethane	**<37.4**	ug/kg	444	37.4	1	03/22/24 08:45	03/26/24 13:18	75-00-3	
Chloroform	**<63.5**	ug/kg	444	63.5	1	03/22/24 08:45	03/26/24 13:18	67-66-3	
Chloromethane	**<33.7**	ug/kg	88.7	33.7	1	03/22/24 08:45	03/26/24 13:18	74-87-3	
Dibromochloromethane	**<303**	ug/kg	444	303	1	03/22/24 08:45	03/26/24 13:18	124-48-1	
Dibromomethane	**<26.3**	ug/kg	88.7	26.3	1	03/22/24 08:45	03/26/24 13:18	74-95-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Sample: C1 PIT SOIL **Lab ID: 40275781001** Collected: 03/20/24 10:00 Received: 03/21/24 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<38.2**	ug/kg	88.7	38.2	1	03/22/24 08:45	03/26/24 13:18	75-71-8	
Diisopropyl ether	**<22.0**	ug/kg	88.7	22.0	1	03/22/24 08:45	03/26/24 13:18	108-20-3	
Ethylbenzene	**35.4J**	ug/kg	88.7	21.1	1	03/22/24 08:45	03/26/24 13:18	100-41-4	
Hexachloro-1,3-butadiene	**<176**	ug/kg	444	176	1	03/22/24 08:45	03/26/24 13:18	87-68-3	
Isopropylbenzene (Cumene)	**<24.0**	ug/kg	88.7	24.0	1	03/22/24 08:45	03/26/24 13:18	98-82-8	
Methyl-tert-butyl ether	**<26.1**	ug/kg	88.7	26.1	1	03/22/24 08:45	03/26/24 13:18	1634-04-4	
Methylene Chloride	**<24.7**	ug/kg	88.7	24.7	1	03/22/24 08:45	03/26/24 13:18	75-09-2	
Naphthalene	**308J**	ug/kg	444	37.3	1	03/22/24 08:45	03/26/24 13:18	91-20-3	
Styrene	**<22.7**	ug/kg	88.7	22.7	1	03/22/24 08:45	03/26/24 13:18	100-42-5	
Tetrachloroethene	**<34.4**	ug/kg	88.7	34.4	1	03/22/24 08:45	03/26/24 13:18	127-18-4	
Toluene	**178**	ug/kg	88.7	22.4	1	03/22/24 08:45	03/26/24 13:18	108-88-3	
Trichloroethene	**<33.2**	ug/kg	88.7	33.2	1	03/22/24 08:45	03/26/24 13:18	79-01-6	
Trichlorofluoromethane	**<25.7**	ug/kg	88.7	25.7	1	03/22/24 08:45	03/26/24 13:18	75-69-4	
Vinyl chloride	**<17.9**	ug/kg	88.7	17.9	1	03/22/24 08:45	03/26/24 13:18	75-01-4	
Xylene (Total)	**458**	ug/kg	266	64.1	1	03/22/24 08:45	03/26/24 13:18	1330-20-7	
cis-1,2-Dichloroethene	**<19.0**	ug/kg	88.7	19.0	1	03/22/24 08:45	03/26/24 13:18	156-59-2	
cis-1,3-Dichloropropene	**<58.6**	ug/kg	444	58.6	1	03/22/24 08:45	03/26/24 13:18	10061-01-5	
m&p-Xylene	**261**	ug/kg	177	37.4	1	03/22/24 08:45	03/26/24 13:18	179601-23-1	
n-Butylbenzene	**<40.6**	ug/kg	88.7	40.6	1	03/22/24 08:45	03/26/24 13:18	104-51-8	
n-Propylbenzene	**26.0J**	ug/kg	88.7	21.3	1	03/22/24 08:45	03/26/24 13:18	103-65-1	
o-Xylene	**197**	ug/kg	88.7	26.6	1	03/22/24 08:45	03/26/24 13:18	95-47-6	
p-Isopropyltoluene	**<30.2**	ug/kg	88.7	30.2	1	03/22/24 08:45	03/26/24 13:18	99-87-6	
sec-Butylbenzene	**<30.5**	ug/kg	88.7	30.5	1	03/22/24 08:45	03/26/24 13:18	135-98-8	
tert-Butylbenzene	**<27.9**	ug/kg	88.7	27.9	1	03/22/24 08:45	03/26/24 13:18	98-06-6	
trans-1,2-Dichloroethene	**<19.4**	ug/kg	88.7	19.4	1	03/22/24 08:45	03/26/24 13:18	156-60-5	
trans-1,3-Dichloropropene	**<254**	ug/kg	444	254	1	03/22/24 08:45	03/26/24 13:18	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-139		1	03/22/24 08:45	03/26/24 13:18	2037-26-5	
4-Bromofluorobenzene (S)	103	%	72-142		1	03/22/24 08:45	03/26/24 13:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	67-144		1	03/22/24 08:45	03/26/24 13:18	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**18.3**	%	0.10	0.10	1		03/21/24 14:06		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Sample: C1 PIT GW **Lab ID: 40275781002** Collected: 03/20/24 10:00 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB Low Volume	Analytical Method: EPA 8082A Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	11096-82-5	
PCB, Total	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	1336-36-3	
Surrogates									
Decachlorobiphenyl (S)	39	%	10-132		1	03/25/24 08:37	03/26/24 12:56	2051-24-3	
Tetrachloro-m-xylene (S)	76	%	41-120		1	03/25/24 08:37	03/26/24 12:56	877-09-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**2.4**	ug/L	1.0	0.28	1	03/22/24 07:03	03/22/24 19:08	7440-38-2	
Barium, Dissolved	**100**	ug/L	2.3	0.70	1	03/22/24 07:03	03/22/24 19:08	7440-39-3	
Cadmium, Dissolved	**<0.15**	ug/L	1.0	0.15	1	03/22/24 07:03	03/22/24 19:08	7440-43-9	
Chromium, Dissolved	**<1.0**	ug/L	3.4	1.0	1	03/22/24 07:03	03/22/24 19:08	7440-47-3	
Lead, Dissolved	**2.9**	ug/L	1.0	0.24	1	03/22/24 07:03	03/22/24 19:08	7439-92-1	
Selenium, Dissolved	**11.7**	ug/L	1.1	0.32	1	03/22/24 07:03	03/22/24 19:08	7782-49-2	
Silver, Dissolved	**<0.13**	ug/L	0.50	0.13	1	03/22/24 07:03	03/22/24 19:08	7440-22-4	
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	03/22/24 11:05	03/25/24 11:28	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.042J**	ug/L	0.050	0.014	1	03/22/24 09:14	03/25/24 21:25	83-32-9	
Acenaphthylene	**0.13**	ug/L	0.050	0.013	1	03/22/24 09:14	03/25/24 21:25	208-96-8	
Anthracene	**0.17**	ug/L	0.050	0.018	1	03/22/24 09:14	03/25/24 21:25	120-12-7	
Benzo(a)anthracene	**0.73**	ug/L	0.050	0.014	1	03/22/24 09:14	03/25/24 21:25	56-55-3	
Benzo(a)pyrene	**0.94**	ug/L	0.050	0.013	1	03/22/24 09:14	03/25/24 21:25	50-32-8	
Benzo(b)fluoranthene	**1.4**	ug/L	0.050	0.0091	1	03/22/24 09:14	03/25/24 21:25	205-99-2	
Benzo(g,h,i)perylene	**1.0**	ug/L	0.050	0.023	1	03/22/24 09:14	03/25/24 21:25	191-24-2	
Benzo(k)fluoranthene	**0.57**	ug/L	0.050	0.022	1	03/22/24 09:14	03/25/24 21:25	207-08-9	
Chrysene	**0.99**	ug/L	0.050	0.013	1	03/22/24 09:14	03/25/24 21:25	218-01-9	
Dibenz(a,h)anthracene	**0.19**	ug/L	0.050	0.018	1	03/22/24 09:14	03/25/24 21:25	53-70-3	
Fluoranthene	**1.1**	ug/L	0.050	0.026	1	03/22/24 09:14	03/25/24 21:25	206-44-0	
Fluorene	**0.031J**	ug/L	0.050	0.024	1	03/22/24 09:14	03/25/24 21:25	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.96**	ug/L	0.050	0.016	1	03/22/24 09:14	03/25/24 21:25	193-39-5	
1-Methylnaphthalene	**0.075**	ug/L	0.050	0.018	1	03/22/24 09:14	03/25/24 21:25	90-12-0	
2-Methylnaphthalene	**0.088**	ug/L	0.050	0.014	1	03/22/24 09:14	03/25/24 21:25	91-57-6	
Naphthalene	**0.44**	ug/L	0.050	0.020	1	03/22/24 09:14	03/25/24 21:25	91-20-3	
Phenanthrene	**0.48**	ug/L	0.050	0.026	1	03/22/24 09:14	03/25/24 21:25	85-01-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Sample: C1 PIT GW **Lab ID: 40275781002** Collected: 03/20/24 10:00 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Pyrene	**1.4**	ug/L	0.050	0.023	1	03/22/24 09:14	03/25/24 21:25	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	63	%	38-120		1	03/22/24 09:14	03/25/24 21:25	321-60-8	
Terphenyl-d14 (S)	75	%	47-121		1	03/22/24 09:14	03/25/24 21:25	1718-51-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		03/26/24 02:11	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		03/26/24 02:11	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		03/26/24 02:11	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		03/26/24 02:11	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		03/26/24 02:11	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		03/26/24 02:11	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		03/26/24 02:11	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		03/26/24 02:11	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		03/26/24 02:11	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		03/26/24 02:11	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		03/26/24 02:11	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		03/26/24 02:11	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		03/26/24 02:11	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		03/26/24 02:11	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		03/26/24 02:11	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		03/26/24 02:11	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		03/26/24 02:11	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		03/26/24 02:11	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		03/26/24 02:11	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		03/26/24 02:11	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		03/26/24 02:11	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		03/26/24 02:11	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		03/26/24 02:11	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		03/26/24 02:11	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		03/26/24 02:11	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		03/26/24 02:11	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		03/26/24 02:11	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		03/26/24 02:11	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		03/26/24 02:11	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		03/26/24 02:11	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		03/26/24 02:11	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		03/26/24 02:11	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		03/26/24 02:11	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		03/26/24 02:11	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		03/26/24 02:11	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		03/26/24 02:11	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		03/26/24 02:11	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		03/26/24 02:11	87-68-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Sample: C1 PIT GW **Lab ID: 40275781002** Collected: 03/20/24 10:00 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		03/26/24 02:11	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		03/26/24 02:11	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		03/26/24 02:11	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		03/26/24 02:11	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		03/26/24 02:11	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		03/26/24 02:11	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		03/26/24 02:11	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		03/26/24 02:11	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		03/26/24 02:11	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		03/26/24 02:11	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		03/26/24 02:11	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		03/26/24 02:11	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		03/26/24 02:11	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		03/26/24 02:11	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		03/26/24 02:11	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		03/26/24 02:11	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		03/26/24 02:11	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		03/26/24 02:11	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		03/26/24 02:11	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		03/26/24 02:11	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		03/26/24 02:11	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		03/26/24 02:11	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		03/26/24 02:11	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		03/26/24 02:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/26/24 02:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		03/26/24 02:11	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		03/26/24 02:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469871
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781002

METHOD BLANK: 2691819 Matrix: Water
Associated Lab Samples: 40275781002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.066	0.20	03/25/24 10:46	

LABORATORY CONTROL SAMPLE: 2691820

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: 2691821 2691822

Parameter	Units	40275759003 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	5.1	5.0	101	100	85-115	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 470003
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781001

METHOD BLANK: 2692749 Matrix: Solid
Associated Lab Samples: 40275781001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	03/26/24 11:35	

LABORATORY CONTROL SAMPLE: 2692750

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.83	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692751 2692752

Parameter	Units	40275658001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	<0.010	0.85	0.87	0.85	0.89	100	102	85-115	4	20	

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QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469840
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781001

METHOD BLANK: 2691680 Matrix: Solid
Associated Lab Samples: 40275781001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	03/26/24 11:39	
Barium	mg/kg	<0.15	0.50	03/26/24 11:39	
Cadmium	mg/kg	<0.13	0.50	03/26/24 11:39	
Chromium	mg/kg	<0.28	1.0	03/26/24 11:39	
Lead	mg/kg	<0.60	2.0	03/26/24 11:39	
Selenium	mg/kg	<1.3	4.0	03/26/24 11:39	
Silver	mg/kg	<0.31	1.0	03/26/24 11:39	

LABORATORY CONTROL SAMPLE: 2691681

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.3	97	80-120	
Barium	mg/kg	25	25.6	102	80-120	
Cadmium	mg/kg	25	26.2	105	80-120	
Chromium	mg/kg	25	25.5	102	80-120	
Lead	mg/kg	25	26.4	106	80-120	
Selenium	mg/kg	25	25.9	104	80-120	
Silver	mg/kg	12.5	13.0	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2691682 2691683

Parameter	Units	40275825001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	2.5J	32.6	32.7	33.9	33.9	96	96	75-125	0	20	
Barium	mg/kg	155	32.6	32.7	211	225	173	215	75-125	6	20	P6
Cadmium	mg/kg	0.95	32.6	32.7	33.7	34.2	100	102	75-125	2	20	
Chromium	mg/kg	12.9	32.6	32.7	50.4	46.7	115	103	75-125	8	20	
Lead	mg/kg	146	32.6	32.7	190	179	136	100	75-125	6	20	P6
Selenium	mg/kg	<1.7	32.6	32.7	32.3	33.6	98	101	75-125	4	20	
Silver	mg/kg	0.77J	16.2	16.4	17.1	17.3	100	101	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469835
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781002

METHOD BLANK: 2691646 Matrix: Water
Associated Lab Samples: 40275781002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<0.28	1.0	03/22/24 18:54	
Barium, Dissolved	ug/L	<0.70	2.3	03/22/24 18:54	
Cadmium, Dissolved	ug/L	<0.15	1.0	03/22/24 18:54	
Chromium, Dissolved	ug/L	<1.0	3.4	03/22/24 18:54	
Lead, Dissolved	ug/L	<0.24	1.0	03/22/24 18:54	
Selenium, Dissolved	ug/L	<0.32	1.1	03/22/24 18:54	
Silver, Dissolved	ug/L	<0.13	0.50	03/22/24 18:54	

LABORATORY CONTROL SAMPLE: 2691647

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	250	264	106	80-120	
Barium, Dissolved	ug/L	250	258	103	80-120	
Cadmium, Dissolved	ug/L	250	262	105	80-120	
Chromium, Dissolved	ug/L	250	250	100	80-120	
Lead, Dissolved	ug/L	250	265	106	80-120	
Selenium, Dissolved	ug/L	250	269	107	80-120	
Silver, Dissolved	ug/L	125	129	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2691648 2691649

Parameter	Units	40275781002 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	2.4	250	250	272	269	108	107	75-125	1	20	
Barium, Dissolved	ug/L	100	250	250	362	358	105	103	75-125	1	20	
Cadmium, Dissolved	ug/L	<0.15	250	250	256	255	102	102	75-125	0	20	
Chromium, Dissolved	ug/L	<1.0	250	250	249	251	99	100	75-125	1	20	
Lead, Dissolved	ug/L	2.9	250	250	271	272	107	108	75-125	1	20	
Selenium, Dissolved	ug/L	11.7	250	250	285	280	109	107	75-125	2	20	
Silver, Dissolved	ug/L	<0.13	125	125	121	121	97	97	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469858
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275781001

METHOD BLANK: 2691748 Matrix: Solid
Associated Lab Samples: 40275781001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	03/25/24 11:01	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	03/25/24 11:01	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	03/25/24 11:01	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	03/25/24 11:01	
1,1-Dichloroethane	ug/kg	<12.8	50.0	03/25/24 11:01	
1,1-Dichloroethene	ug/kg	<16.6	50.0	03/25/24 11:01	
1,1-Dichloropropene	ug/kg	<16.2	50.0	03/25/24 11:01	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	03/25/24 11:01	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	03/25/24 11:01	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	03/25/24 11:01	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	03/25/24 11:01	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	03/25/24 11:01	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	03/25/24 11:01	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	03/25/24 11:01	
1,2-Dichloroethane	ug/kg	<11.5	50.0	03/25/24 11:01	
1,2-Dichloropropane	ug/kg	<11.9	50.0	03/25/24 11:01	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	03/25/24 11:01	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	03/25/24 11:01	
1,3-Dichloropropane	ug/kg	<10.9	50.0	03/25/24 11:01	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	03/25/24 11:01	
2,2-Dichloropropane	ug/kg	<13.5	50.0	03/25/24 11:01	
2-Chlorotoluene	ug/kg	<16.2	50.0	03/25/24 11:01	
4-Chlorotoluene	ug/kg	<19.0	50.0	03/25/24 11:01	
Benzene	ug/kg	<11.9	20.0	03/25/24 11:01	
Bromobenzene	ug/kg	<19.5	50.0	03/25/24 11:01	
Bromochloromethane	ug/kg	<13.7	50.0	03/25/24 11:01	
Bromodichloromethane	ug/kg	<11.9	50.0	03/25/24 11:01	
Bromoform	ug/kg	<220	250	03/25/24 11:01	
Bromomethane	ug/kg	<70.1	250	03/25/24 11:01	
Carbon tetrachloride	ug/kg	<11.0	50.0	03/25/24 11:01	
Chlorobenzene	ug/kg	<6.0	50.0	03/25/24 11:01	
Chloroethane	ug/kg	<21.1	250	03/25/24 11:01	
Chloroform	ug/kg	<35.8	250	03/25/24 11:01	
Chloromethane	ug/kg	<19.0	50.0	03/25/24 11:01	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	03/25/24 11:01	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	03/25/24 11:01	
Dibromochloromethane	ug/kg	<171	250	03/25/24 11:01	
Dibromomethane	ug/kg	<14.8	50.0	03/25/24 11:01	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	03/25/24 11:01	
Diisopropyl ether	ug/kg	<12.4	50.0	03/25/24 11:01	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

METHOD BLANK: 2691748 Matrix: Solid
Associated Lab Samples: 40275781001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	03/25/24 11:01	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	03/25/24 11:01	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	03/25/24 11:01	
m&p-Xylene	ug/kg	<21.1	100	03/25/24 11:01	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	03/25/24 11:01	
Methylene Chloride	ug/kg	<13.9	50.0	03/25/24 11:01	
n-Butylbenzene	ug/kg	<22.9	50.0	03/25/24 11:01	
n-Propylbenzene	ug/kg	<12.0	50.0	03/25/24 11:01	
Naphthalene	ug/kg	<21.0	250	03/25/24 11:01	
o-Xylene	ug/kg	<15.0	50.0	03/25/24 11:01	
p-Isopropyltoluene	ug/kg	<17.0	50.0	03/25/24 11:01	
sec-Butylbenzene	ug/kg	<17.2	50.0	03/25/24 11:01	
Styrene	ug/kg	<12.8	50.0	03/25/24 11:01	
tert-Butylbenzene	ug/kg	<15.7	50.0	03/25/24 11:01	
Tetrachloroethene	ug/kg	<19.4	50.0	03/25/24 11:01	
Toluene	ug/kg	<12.6	50.0	03/25/24 11:01	
trans-1,2-Dichloroethene	ug/kg	<10.9	50.0	03/25/24 11:01	
trans-1,3-Dichloropropene	ug/kg	<143	250	03/25/24 11:01	
Trichloroethene	ug/kg	<18.7	50.0	03/25/24 11:01	
Trichlorofluoromethane	ug/kg	<14.5	50.0	03/25/24 11:01	
Vinyl chloride	ug/kg	<10.1	50.0	03/25/24 11:01	
Xylene (Total)	ug/kg	<36.1	150	03/25/24 11:01	
1,2-Dichlorobenzene-d4 (S)	%	103	67-144	03/25/24 11:01	
4-Bromofluorobenzene (S)	%	102	72-142	03/25/24 11:01	
Toluene-d8 (S)	%	97	70-139	03/25/24 11:01	

LABORATORY CONTROL SAMPLE: 2691749

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2460	98	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2710	108	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2330	93	70-130	
1,1-Dichloroethane	ug/kg	2500	2560	103	70-130	
1,1-Dichloroethene	ug/kg	2500	2160	87	77-122	
1,2,4-Trichlorobenzene	ug/kg	2500	2120	85	66-125	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2340	94	66-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2370	95	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2590	104	70-130	
1,2-Dichloroethane	ug/kg	2500	2540	101	70-130	
1,2-Dichloropropane	ug/kg	2500	2480	99	80-121	
1,3-Dichlorobenzene	ug/kg	2500	2570	103	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2560	102	70-130	
Benzene	ug/kg	2500	2410	97	70-130	
Bromodichloromethane	ug/kg	2500	2570	103	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

LABORATORY CONTROL SAMPLE: 2691749

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2190	88	67-130	
Bromomethane	ug/kg	2500	2600	104	25-150	
Carbon tetrachloride	ug/kg	2500	2350	94	72-136	
Chlorobenzene	ug/kg	2500	2500	100	70-130	
Chloroethane	ug/kg	2500	2380	95	20-178	
Chloroform	ug/kg	2500	2450	98	80-120	
Chloromethane	ug/kg	2500	1980	79	45-123	
cis-1,2-Dichloroethene	ug/kg	2500	2390	95	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2320	93	70-130	
Dibromochloromethane	ug/kg	2500	2310	92	70-130	
Dichlorodifluoromethane	ug/kg	2500	1790	72	14-106	
Ethylbenzene	ug/kg	2500	2240	90	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2130	85	70-130	
m&p-Xylene	ug/kg	5000	4600	92	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2450	98	70-130	
Methylene Chloride	ug/kg	2500	2500	100	70-130	
o-Xylene	ug/kg	2500	2310	92	70-130	
Styrene	ug/kg	2500	2420	97	70-130	
Tetrachloroethene	ug/kg	2500	2230	89	70-130	
Toluene	ug/kg	2500	2370	95	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2290	91	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2300	92	70-130	
Trichloroethene	ug/kg	2500	2410	96	70-130	
Trichlorofluoromethane	ug/kg	2500	2090	84	49-141	
Vinyl chloride	ug/kg	2500	1880	75	59-120	
Xylene (Total)	ug/kg	7500	6910	92	70-130	
1,2-Dichlorobenzene-d4 (S)	%			110	67-144	
4-Bromofluorobenzene (S)	%			111	72-142	
Toluene-d8 (S)	%			102	70-139	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2691750 2691751

Parameter	Units	40275794002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<20.4	1590	1590	1400	1230	88	77	56-130	13	20	
1,1,2,2-Tetrachloroethane	ug/kg	<28.8	1590	1590	1710	1740	107	110	70-133	2	20	
1,1,2-Trichloroethane	ug/kg	<29.0	1590	1590	1450	1420	91	89	70-130	2	20	
1,1-Dichloroethane	ug/kg	<20.4	1590	1590	1650	1360	103	85	70-130	19	20	
1,1-Dichloroethene	ug/kg	<26.4	1590	1590	1160	979	73	62	52-122	17	20	
1,2,4-Trichlorobenzene	ug/kg	<65.6	1590	1590	1630	1550	102	97	66-136	5	20	
1,2-Dibromo-3-chloropropane	ug/kg	<61.7	1590	1590	1600	1530	101	96	59-131	5	23	
1,2-Dibromoethane (EDB)	ug/kg	<21.8	1590	1590	1480	1420	93	89	70-130	4	20	
1,2-Dichlorobenzene	ug/kg	<24.7	1590	1590	1720	1710	108	108	70-130	1	20	
1,2-Dichloroethane	ug/kg	<18.3	1590	1590	1630	1530	102	96	70-130	6	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2691750 2691751

Parameter	Units	40275794002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/kg	<18.9	1590	1590	1620	1460	102	92	77-121	10	20	
1,3-Dichlorobenzene	ug/kg	<21.8	1590	1590	1740	1640	109	103	70-130	6	20	
1,4-Dichlorobenzene	ug/kg	<21.8	1590	1590	1750	1670	110	105	70-130	5	20	
Benzene	ug/kg	<18.9	1590	1590	1520	1400	95	88	70-130	8	20	
Bromodichloromethane	ug/kg	<18.9	1590	1590	1630	1500	103	95	70-130	8	20	
Bromoform	ug/kg	<350	1590	1590	1380	1280	87	80	67-130	8	20	
Bromomethane	ug/kg	<112	1590	1590	1450	1410	91	89	25-150	3	20	
Carbon tetrachloride	ug/kg	<17.5	1590	1590	1300	1080	81	68	48-136	18	20	
Chlorobenzene	ug/kg	<9.5	1590	1590	1620	1570	102	98	70-130	3	20	
Chloroethane	ug/kg	<33.6	1590	1590	1240	1220	78	77	20-178	2	23	
Chloroform	ug/kg	<57.0	1590	1590	1570	1470	99	92	80-120	7	20	
Chloromethane	ug/kg	<30.2	1590	1590	919	814	58	51	23-132	12	20	
cis-1,2-Dichloroethene	ug/kg	<17.0	1590	1590	1520	1450	96	91	70-130	5	20	
cis-1,3-Dichloropropene	ug/kg	<52.5	1590	1590	1420	1380	89	87	70-130	3	20	
Dibromochloromethane	ug/kg	<272	1590	1590	1450	1330	91	84	70-130	8	20	
Dichlorodifluoromethane	ug/kg	<34.2	1590	1590	463	368	29	23	10-106	23	34	
Ethylbenzene	ug/kg	<18.9	1590	1590	1440	1320	91	83	80-120	9	20	
Isopropylbenzene (Cumene)	ug/kg	<21.5	1590	1590	1340	1160	84	73	70-130	14	20	
m&p-Xylene	ug/kg	<33.6	3190	3190	2880	2700	90	85	70-130	6	20	
Methyl-tert-butyl ether	ug/kg	<23.4	1590	1590	1530	1470	96	93	67-130	4	20	
Methylene Chloride	ug/kg	<22.1	1590	1590	1590	1480	100	93	70-130	7	20	
o-Xylene	ug/kg	<23.9	1590	1590	1550	1440	97	90	70-130	7	20	
Styrene	ug/kg	<20.4	1590	1590	1590	1500	100	94	70-130	6	20	
Tetrachloroethene	ug/kg	<30.9	1590	1590	1340	1140	84	72	70-130	16	20	
Toluene	ug/kg	<20.0	1590	1590	1500	1380	94	87	80-120	8	20	
trans-1,2-Dichloroethene	ug/kg	<17.4	1590	1590	1410	1290	89	81	70-130	9	20	
trans-1,3-Dichloropropene	ug/kg	<228	1590	1590	1370	1330	86	84	70-130	3	20	
Trichloroethene	ug/kg	<29.8	1590	1590	1490	1400	94	88	70-130	6	20	
Trichlorofluoromethane	ug/kg	<23.1	1590	1590	1240	912	78	57	21-141	31	28	R1
Vinyl chloride	ug/kg	<16.1	1590	1590	895	758	56	48	29-120	17	20	
Xylene (Total)	ug/kg	<57.4	4770	4770	4420	4130	93	87	70-130	7	20	
1,2-Dichlorobenzene-d4 (S)	%						146	147	67-144			1q,2q
4-Bromofluorobenzene (S)	%						155	150	72-142			1q,2q
Toluene-d8 (S)	%						141	130	70-139			2q

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469851
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275781002

METHOD BLANK: 2691725 Matrix: Water
Associated Lab Samples: 40275781002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	03/25/24 17:25	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	03/25/24 17:25	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	03/25/24 17:25	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	03/25/24 17:25	
1,1-Dichloroethane	ug/L	<0.30	1.0	03/25/24 17:25	
1,1-Dichloroethene	ug/L	<0.58	1.0	03/25/24 17:25	
1,1-Dichloropropene	ug/L	<0.41	1.0	03/25/24 17:25	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	03/25/24 17:25	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	03/25/24 17:25	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	03/25/24 17:25	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	03/25/24 17:25	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	03/25/24 17:25	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	03/25/24 17:25	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	03/25/24 17:25	
1,2-Dichloroethane	ug/L	<0.29	1.0	03/25/24 17:25	
1,2-Dichloropropane	ug/L	<0.45	1.0	03/25/24 17:25	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	03/25/24 17:25	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	03/25/24 17:25	
1,3-Dichloropropane	ug/L	<0.30	1.0	03/25/24 17:25	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	03/25/24 17:25	
2,2-Dichloropropane	ug/L	<0.42	1.0	03/25/24 17:25	
2-Chlorotoluene	ug/L	<0.89	5.0	03/25/24 17:25	
4-Chlorotoluene	ug/L	<0.89	5.0	03/25/24 17:25	
Benzene	ug/L	<0.30	1.0	03/25/24 17:25	
Bromobenzene	ug/L	<0.36	1.0	03/25/24 17:25	
Bromochloromethane	ug/L	<0.36	1.0	03/25/24 17:25	
Bromodichloromethane	ug/L	<0.42	1.0	03/25/24 17:25	
Bromoform	ug/L	<0.43	1.0	03/25/24 17:25	
Bromomethane	ug/L	<1.2	5.0	03/25/24 17:25	
Carbon tetrachloride	ug/L	<0.37	1.0	03/25/24 17:25	
Chlorobenzene	ug/L	<0.86	1.0	03/25/24 17:25	
Chloroethane	ug/L	<1.4	5.0	03/25/24 17:25	
Chloroform	ug/L	<0.50	5.0	03/25/24 17:25	
Chloromethane	ug/L	<1.6	5.0	03/25/24 17:25	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	03/25/24 17:25	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	03/25/24 17:25	
Dibromochloromethane	ug/L	<2.6	5.0	03/25/24 17:25	
Dibromomethane	ug/L	<0.99	5.0	03/25/24 17:25	
Dichlorodifluoromethane	ug/L	<0.46	5.0	03/25/24 17:25	
Diisopropyl ether	ug/L	<1.1	5.0	03/25/24 17:25	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

METHOD BLANK: 2691725 Matrix: Water
Associated Lab Samples: 40275781002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	03/25/24 17:25	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	03/25/24 17:25	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	03/25/24 17:25	
m&p-Xylene	ug/L	<0.70	2.0	03/25/24 17:25	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	03/25/24 17:25	
Methylene Chloride	ug/L	<0.32	5.0	03/25/24 17:25	
n-Butylbenzene	ug/L	<0.86	1.0	03/25/24 17:25	
n-Propylbenzene	ug/L	<0.35	1.0	03/25/24 17:25	
Naphthalene	ug/L	<1.9	5.0	03/25/24 17:25	
o-Xylene	ug/L	<0.35	1.0	03/25/24 17:25	
p-Isopropyltoluene	ug/L	<1.0	5.0	03/25/24 17:25	
sec-Butylbenzene	ug/L	<0.42	1.0	03/25/24 17:25	
Styrene	ug/L	<0.36	1.0	03/25/24 17:25	
tert-Butylbenzene	ug/L	<0.59	1.0	03/25/24 17:25	
Tetrachloroethene	ug/L	<0.41	1.0	03/25/24 17:25	
Toluene	ug/L	<0.29	1.0	03/25/24 17:25	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	03/25/24 17:25	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	03/25/24 17:25	
Trichloroethene	ug/L	<0.32	1.0	03/25/24 17:25	
Trichlorofluoromethane	ug/L	<0.42	1.0	03/25/24 17:25	
Vinyl chloride	ug/L	<0.17	1.0	03/25/24 17:25	
Xylene (Total)	ug/L	<1.0	3.0	03/25/24 17:25	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	03/25/24 17:25	
4-Bromofluorobenzene (S)	%	97	70-130	03/25/24 17:25	
Toluene-d8 (S)	%	95	70-130	03/25/24 17:25	

LABORATORY CONTROL SAMPLE: 2691726

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.6	111	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	46.0	92	70-130	
1,1,2-Trichloroethane	ug/L	50	51.5	103	70-130	
1,1-Dichloroethane	ug/L	50	54.2	108	70-130	
1,1-Dichloroethene	ug/L	50	57.2	114	73-140	
1,2,4-Trichlorobenzene	ug/L	50	40.0	80	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	39.9	80	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	53.4	107	70-130	
1,2-Dichlorobenzene	ug/L	50	41.7	83	70-130	
1,2-Dichloroethane	ug/L	50	53.8	108	70-130	
1,2-Dichloropropane	ug/L	50	54.9	110	77-127	
1,3-Dichlorobenzene	ug/L	50	44.2	88	70-130	
1,4-Dichlorobenzene	ug/L	50	44.4	89	70-130	
Benzene	ug/L	50	56.4	113	70-130	
Bromodichloromethane	ug/L	50	57.8	116	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

LABORATORY CONTROL SAMPLE: 2691726

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	48.7	97	70-130	
Bromomethane	ug/L	50	57.7	115	22-141	
Carbon tetrachloride	ug/L	50	57.6	115	70-135	
Chlorobenzene	ug/L	50	50.2	100	70-130	
Chloroethane	ug/L	50	55.4	111	59-141	
Chloroform	ug/L	50	61.0	122	80-124	
Chloromethane	ug/L	50	56.0	112	29-150	
cis-1,2-Dichloroethene	ug/L	50	56.6	113	70-130	
cis-1,3-Dichloropropene	ug/L	50	57.1	114	70-130	
Dibromochloromethane	ug/L	50	48.6	97	70-130	
Dichlorodifluoromethane	ug/L	50	62.2	124	10-147	
Ethylbenzene	ug/L	50	47.7	95	80-125	
Isopropylbenzene (Cumene)	ug/L	50	42.3	85	70-130	
m&p-Xylene	ug/L	100	95.5	95	70-130	
Methyl-tert-butyl ether	ug/L	50	53.8	108	64-131	
Methylene Chloride	ug/L	50	62.7	125	70-137	
o-Xylene	ug/L	50	46.6	93	70-130	
Styrene	ug/L	50	49.0	98	70-130	
Tetrachloroethene	ug/L	50	50.0	100	70-130	
Toluene	ug/L	50	48.4	97	80-120	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	70-131	
trans-1,3-Dichloropropene	ug/L	50	45.9	92	70-130	
Trichloroethene	ug/L	50	57.9	116	70-130	
Trichlorofluoromethane	ug/L	50	59.0	118	69-141	
Vinyl chloride	ug/L	50	55.0	110	51-145	
Xylene (Total)	ug/L	150	142	95	70-130	
1,2-Dichlorobenzene-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692334 2692335

Parameter	Units	40275698001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	54.8	55.4	110	111	70-132	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	45.9	47.2	92	94	70-131	3	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.5	52.2	101	104	70-130	3	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	54.0	54.9	108	110	70-131	2	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	55.1	57.9	110	116	69-146	5	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	40.4	39.2	81	78	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	41.4	40.9	83	82	56-130	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	51.2	53.0	102	106	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	41.7	41.9	83	84	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	52.9	54.8	106	110	70-130	3	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692334 2692335

Parameter	Units	40275698001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/L	<0.45	50	50	55.2	56.3	110	113	77-129	2	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	44.8	44.8	90	90	70-130	0	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	44.6	44.5	89	89	70-130	0	20	
Benzene	ug/L	<0.30	50	50	55.9	56.2	112	112	70-130	1	20	
Bromodichloromethane	ug/L	<0.42	50	50	57.2	57.7	114	115	70-130	1	20	
Bromoform	ug/L	<0.43	50	50	47.3	49.5	95	99	70-130	5	20	
Bromomethane	ug/L	<1.2	50	50	61.2	63.0	122	126	12-159	3	26	
Carbon tetrachloride	ug/L	<0.37	50	50	56.7	57.8	113	116	70-135	2	20	
Chlorobenzene	ug/L	<0.86	50	50	48.9	50.2	98	100	70-130	3	20	
Chloroethane	ug/L	<1.4	50	50	57.4	58.9	115	118	56-143	3	20	
Chloroform	ug/L	<0.50	50	50	60.3	61.4	121	123	80-126	2	20	
Chloromethane	ug/L	<1.6	50	50	59.2	58.7	118	117	22-156	1	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	57.3	57.7	115	115	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	54.3	57.0	109	114	70-130	5	20	
Dibromochloromethane	ug/L	<2.6	50	50	46.7	48.3	93	97	70-130	3	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	67.5	68.3	135	137	10-147	1	20	
Ethylbenzene	ug/L	<0.33	50	50	46.4	47.4	93	95	80-126	2	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	41.9	41.9	84	84	70-130	0	20	
m&p-Xylene	ug/L	<0.70	100	100	94.9	95.2	95	95	70-130	0	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	54.0	54.8	108	110	64-136	2	20	
Methylene Chloride	ug/L	<0.32	50	50	62.3	64.7	125	129	70-137	4	20	
o-Xylene	ug/L	<0.35	50	50	46.2	47.2	92	94	70-130	2	20	
Styrene	ug/L	<0.36	50	50	48.6	48.8	97	98	70-133	0	20	
Tetrachloroethene	ug/L	<0.41	50	50	50.1	50.6	100	101	70-131	1	20	
Toluene	ug/L	<0.29	50	50	46.9	48.2	94	96	80-121	3	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	55.4	55.6	111	111	70-135	0	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	43.6	46.1	87	92	70-130	6	20	
Trichloroethene	ug/L	<0.32	50	50	57.1	59.0	114	118	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	58.2	59.8	116	120	67-142	3	20	
Vinyl chloride	ug/L	<0.17	50	50	57.8	58.1	116	116	45-147	0	20	
Xylene (Total)	ug/L	<1.0	150	150	141	142	94	95	70-130	1	20	
1,2-Dichlorobenzene-d4 (S)	%						99	97	70-130			
4-Bromofluorobenzene (S)	%						99	95	70-130			
Toluene-d8 (S)	%						95	96	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469873
QC Batch Method: EPA 3541
Analysis Method: EPA 8082A
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781001

METHOD BLANK: 2691906 Matrix: Solid
Associated Lab Samples: 40275781001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	03/22/24 19:26	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	03/22/24 19:26	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	03/22/24 19:26	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	03/22/24 19:26	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	03/22/24 19:26	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	03/22/24 19:26	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	03/22/24 19:26	
Decachlorobiphenyl (S)	%	91	34-120	03/22/24 19:26	
Tetrachloro-m-xylene (S)	%	90	44-120	03/22/24 19:26	

LABORATORY CONTROL SAMPLE: 2691907

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	386	77	69-120	
Decachlorobiphenyl (S)	%			76	34-120	
Tetrachloro-m-xylene (S)	%			76	44-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2691908 2691909

Parameter	Units	40275735009 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/kg	<16.1			<16.0	<16.1					20	
PCB-1221 (Aroclor 1221)	ug/kg	<16.1			<16.0	<16.1					20	
PCB-1232 (Aroclor 1232)	ug/kg	<16.1			<16.0	<16.1					20	
PCB-1242 (Aroclor 1242)	ug/kg	<16.1			<16.0	<16.1					20	
PCB-1248 (Aroclor 1248)	ug/kg	<16.1			<16.0	<16.1					20	
PCB-1254 (Aroclor 1254)	ug/kg	<16.1			<16.0	<16.1					20	
PCB-1260 (Aroclor 1260)	ug/kg	<16.1	527	528	495	490	94	93	51-120	1	20	
Decachlorobiphenyl (S)	%						91	90	34-120			
Tetrachloro-m-xylene (S)	%						92	90	44-120			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469977
QC Batch Method: EPA 3510
Analysis Method: EPA 8082A
Analysis Description: 8082A GCS PCB Low Volume
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781002

METHOD BLANK: 2692692 Matrix: Water
Associated Lab Samples: 40275781002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	<0.11	0.50	03/26/24 12:02	
PCB-1221 (Aroclor 1221)	ug/L	<0.11	0.50	03/26/24 12:02	
PCB-1232 (Aroclor 1232)	ug/L	<0.11	0.50	03/26/24 12:02	
PCB-1242 (Aroclor 1242)	ug/L	<0.11	0.50	03/26/24 12:02	
PCB-1248 (Aroclor 1248)	ug/L	<0.11	0.50	03/26/24 12:02	
PCB-1254 (Aroclor 1254)	ug/L	<0.11	0.50	03/26/24 12:02	
PCB-1260 (Aroclor 1260)	ug/L	<0.11	0.50	03/26/24 12:02	
Decachlorobiphenyl (S)	%	87	10-132	03/26/24 12:02	
Tetrachloro-m-xylene (S)	%	65	41-120	03/26/24 12:02	

LABORATORY CONTROL SAMPLE & LCSD: 2692693 2692694

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	4.7	5.1	95	102	70-120	7	20	
Decachlorobiphenyl (S)	%				92	102	10-132			
Tetrachloro-m-xylene (S)	%				71	79	41-120			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469953
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E/3546 MSSV PAH by SIM
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781001

METHOD BLANK: 2692605 Matrix: Solid
Associated Lab Samples: 40275781001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	03/25/24 10:11	
2-Methylnaphthalene	ug/kg	<2.4	16.7	03/25/24 10:11	
Acenaphthene	ug/kg	<2.2	16.7	03/25/24 10:11	
Acenaphthylene	ug/kg	<2.1	16.7	03/25/24 10:11	
Anthracene	ug/kg	<2.1	16.7	03/25/24 10:11	
Benzo(a)anthracene	ug/kg	<2.2	16.7	03/25/24 10:11	
Benzo(a)pyrene	ug/kg	<1.9	16.7	03/25/24 10:11	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	03/25/24 10:11	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	03/25/24 10:11	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	03/25/24 10:11	
Chrysene	ug/kg	<3.1	16.7	03/25/24 10:11	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	03/25/24 10:11	
Fluoranthene	ug/kg	<2.0	16.7	03/25/24 10:11	
Fluorene	ug/kg	<2.0	16.7	03/25/24 10:11	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	03/25/24 10:11	
Naphthalene	ug/kg	<1.6	16.7	03/25/24 10:11	
Phenanthrene	ug/kg	<1.9	16.7	03/25/24 10:11	
Pyrene	ug/kg	<2.5	16.7	03/25/24 10:11	
2-Fluorobiphenyl (S)	%	73	39-120	03/25/24 10:11	
Terphenyl-d14 (S)	%	89	36-120	03/25/24 10:11	

LABORATORY CONTROL SAMPLE: 2692606

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	238	71	62-120	
2-Methylnaphthalene	ug/kg	333	237	71	61-120	
Acenaphthene	ug/kg	333	249	75	66-120	
Acenaphthylene	ug/kg	333	249	75	63-120	
Anthracene	ug/kg	333	264	79	72-120	
Benzo(a)anthracene	ug/kg	333	272	82	64-120	
Benzo(a)pyrene	ug/kg	333	285	86	76-120	
Benzo(b)fluoranthene	ug/kg	333	304	91	62-120	
Benzo(g,h,i)perylene	ug/kg	333	307	92	73-120	
Benzo(k)fluoranthene	ug/kg	333	294	88	69-120	
Chrysene	ug/kg	333	259	78	70-120	
Dibenz(a,h)anthracene	ug/kg	333	289	87	72-120	
Fluoranthene	ug/kg	333	253	76	71-120	
Fluorene	ug/kg	333	249	75	68-120	
Indeno(1,2,3-cd)pyrene	ug/kg	333	293	88	72-120	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

LABORATORY CONTROL SAMPLE: 2692606

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	333	237	71	60-120	
Phenanthrene	ug/kg	333	277	83	66-120	
Pyrene	ug/kg	333	252	76	65-120	
2-Fluorobiphenyl (S)	%			75	39-120	
Terphenyl-d14 (S)	%			81	36-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692607 2692608

Parameter	Units	40275485001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<2.8	387	387	240	281	62	73	50-120	16	34	
2-Methylnaphthalene	ug/kg	<2.8	387	387	240	277	62	71	48-120	14	29	
Acenaphthene	ug/kg	<2.5	387	387	266	303	69	78	51-120	13	26	
Acenaphthylene	ug/kg	<2.4	387	387	264	300	68	77	49-120	13	22	
Anthracene	ug/kg	<2.4	387	387	279	311	72	80	52-120	11	25	
Benzo(a)anthracene	ug/kg	<2.5	387	387	263	302	68	78	47-120	14	37	
Benzo(a)pyrene	ug/kg	<2.2	387	387	279	319	72	82	53-120	13	33	
Benzo(b)fluoranthene	ug/kg	<2.7	387	387	295	331	76	85	43-120	12	43	
Benzo(g,h,i)perylene	ug/kg	<3.4	387	387	307	334	79	86	38-120	9	36	
Benzo(k)fluoranthene	ug/kg	<2.5	387	387	283	328	73	85	49-120	14	30	
Chrysene	ug/kg	<3.7	387	387	256	282	66	73	45-120	10	28	
Dibenz(a,h)anthracene	ug/kg	<2.7	387	387	291	310	75	80	41-120	6	33	
Fluoranthene	ug/kg	<2.3	387	387	289	329	75	85	50-120	13	43	
Fluorene	ug/kg	<2.3	387	387	273	321	70	83	47-120	16	27	
Indeno(1,2,3-cd)pyrene	ug/kg	<4.0	387	387	291	312	75	81	35-120	7	33	
Naphthalene	ug/kg	<1.9	387	387	247	289	64	75	42-120	16	26	
Phenanthrene	ug/kg	<2.2	387	387	272	311	70	80	45-120	13	24	
Pyrene	ug/kg	<2.8	387	387	249	287	64	74	42-120	14	41	
2-Fluorobiphenyl (S)	%						68	71	39-120			
Terphenyl-d14 (S)	%						69	73	36-120			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469850
QC Batch Method: EPA 3510
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E Water PAH
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781002

METHOD BLANK: 2691713 Matrix: Water
Associated Lab Samples: 40275781002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	03/25/24 14:44	
2-Methylnaphthalene	ug/L	<0.014	0.050	03/25/24 14:44	
Acenaphthene	ug/L	<0.014	0.050	03/25/24 14:44	
Acenaphthylene	ug/L	<0.013	0.050	03/25/24 14:44	
Anthracene	ug/L	<0.018	0.050	03/25/24 14:44	
Benzo(a)anthracene	ug/L	<0.014	0.050	03/25/24 14:44	
Benzo(a)pyrene	ug/L	<0.013	0.050	03/25/24 14:44	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	03/25/24 14:44	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	03/25/24 14:44	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	03/25/24 14:44	
Chrysene	ug/L	<0.013	0.050	03/25/24 14:44	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	03/25/24 14:44	
Fluoranthene	ug/L	<0.026	0.050	03/25/24 14:44	
Fluorene	ug/L	<0.024	0.050	03/25/24 14:44	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	03/25/24 14:44	
Naphthalene	ug/L	<0.020	0.050	03/25/24 14:44	
Phenanthrene	ug/L	<0.026	0.050	03/25/24 14:44	
Pyrene	ug/L	<0.023	0.050	03/25/24 14:44	
2-Fluorobiphenyl (S)	%	57	38-120	03/25/24 14:44	
Terphenyl-d14 (S)	%	73	47-121	03/25/24 14:44	

LABORATORY CONTROL SAMPLE: 2691714

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.3	66	57-120	
2-Methylnaphthalene	ug/L	2	1.3	64	55-120	
Acenaphthene	ug/L	2	1.4	72	60-120	
Acenaphthylene	ug/L	2	1.5	73	58-120	
Anthracene	ug/L	2	1.6	81	58-120	
Benzo(a)anthracene	ug/L	2	1.6	82	51-120	
Benzo(a)pyrene	ug/L	2	1.6	80	59-120	
Benzo(b)fluoranthene	ug/L	2	1.6	79	52-120	
Benzo(g,h,i)perylene	ug/L	2	1.7	87	62-120	
Benzo(k)fluoranthene	ug/L	2	1.6	81	59-120	
Chrysene	ug/L	2	1.6	80	55-125	
Dibenz(a,h)anthracene	ug/L	2	1.7	87	60-120	
Fluoranthene	ug/L	2	1.5	76	62-120	
Fluorene	ug/L	2	1.4	71	61-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.8	90	62-120	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

LABORATORY CONTROL SAMPLE: 2691714

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.6	80	55-120	
Phenanthrene	ug/L	2	1.6	80	55-120	
Pyrene	ug/L	2	1.8	89	53-120	
2-Fluorobiphenyl (S)	%			60	38-120	
Terphenyl-d14 (S)	%			76	47-121	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469793
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275781001

SAMPLE DUPLICATE: 2691491

Parameter	Units	40275779001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.6	6.6	0	10	

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

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 - The reported result is an estimated value.

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.

DL - Adjusted Method Detection Limit.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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: 470005

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

ANALYTE QUALIFIERS

1q	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from analysis of MS that demonstrated similar interference).
2q	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from analysis of MSD that demonstrated similar interference).
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40275781001	**C1 PIT SOIL**	EPA 3541	469873	EPA 8082A	469919
40275781002	**C1 PIT GW**	EPA 3510	469977	EPA 8082A	470005
40275781001	**C1 PIT SOIL**	EPA 3050B	469840	EPA 6010D	469911
40275781002	**C1 PIT GW**	EPA 3010A	469835	EPA 6020B	469909
40275781002	**C1 PIT GW**	EPA 7470	469871	EPA 7470	469905
40275781001	**C1 PIT SOIL**	EPA 7471	470003	EPA 7471	470125
40275781001	**C1 PIT SOIL**	EPA 3546	469953	EPA 8270E by SIM	470004
40275781002	**C1 PIT GW**	EPA 3510	469850	EPA 8270E by SIM	469882
40275781001	**C1 PIT SOIL**	EPA 5035/5030B	469858	EPA 8260	469864
40275781002	**C1 PIT GW**	EPA 8260	469851		
40275781001	**C1 PIT SOIL**	ASTM D2974-87	469793		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

40275781

Page: 1 of 1

Section A Required Client Information

Company	~~OBrien & Gere~~ Ramboll
Address	234 W. Florida St
	Milwaukee, WI
Email To	~~GDSdata@OBG.com~~ Ric Maz
Phone	~~414-336-3563~~ Fax
Requested Due Date/TAT:	~~Standard~~ RUSH

Section B Required Project Information

Report To	~~GDSdata@OBG.com~~
Copy To	~~Staci Goetz~~
	rmazurkiewicz@ramboll.com
Purchase Order No	
Project Name	~~Green Bay Former MGP~~ Bicher St
Project Number	~~60712/232~~ 1690023383

Section C Invoice Information

Attention	~~Accounts Payable~~ Ric Maz Ramboll
Company Name	~~WEC Business Services, LLC~~
Address	~~PO Box 19800, Green Bay, WI 54307~~
Pace Quote Reference	
Pace Project Manager	Steve Mieczko
Pace Profile #	

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WI

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	~~BTEX, TMBs (8260)~~	VOCs (8260)	PCBs	PAHs (8270)	Metals (6020/7470)* RCRA	~~Nitrate (300.0)~~	~~Sulfate (300.0)~~	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
				DATE	TIME	DATE	TIME												N	N	N	N	Y	N	N		
1	C1 Pit Soil	SL	G	3/		3/20	10:00		4	X						X				X	X	X	X				001
2	C1 Pit GW	WT	G			3/20	10:00		6	2		1	3							X	X	X	X				Dissolved 002
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
~~EPA Level 3~~	Steven Kikfert/Ramboll	3/20	2:60pm							
~~Metals: As, Ba, Cd, Cr, Pb, Hg, Se, Ag, Be, Mn~~	CS Logistics	3/21/24	0900	Pace	3/21/24	0900	0.0	Y	N	Y
~~**1,2,4-Trimethylbenzene (8260)~~										
~~**1,3,5-Trimethylbenzene (8260)~~										

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Steven Kikfert

SIGNATURE of SAMPLER: Steven Kikfert DATE Signed (MM/DD/YY): 03/20/24

*Important Note By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days

Sample Preservation Receipt Form

Client Name: RamboU Project # 40275781

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

Lab Lot# of pH paper: 10150134 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	Vials: VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																		1				3													2.5 / 5
002	1										1						3									1							X		2.5 / 5
003																																			2.5 / 5
004																																			2.5 / 5
005																																			2.5 / 5
006																																			2.5 / 5
007																																			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																														2.5 / 5

3/21/24 SG

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	250mL amber glass unpres
						GN 2	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40275781

40275781

Client Name: Ramboll

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-139 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr. 0.0 /Corr 0.0

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

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

Person examining contents:
Date: 3/21/24 Initials: SC

Labeled By Initials: MJR

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☑Yes ☐No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
Correct Type: Pace Green Bay, Pace IR (Non-Pace)		
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: WSC	☑Yes ☐No ☐N/A	12.
Trip Blank Present:	☐Yes ☐No ☑N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): _____		

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

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

April 01, 2024

Richard Mazurkiewicz
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: 1690023383 BECHER ST
Pace Project No.: 40275991

Dear Richard Mazurkiewicz:

Enclosed are the analytical results for sample(s) received by the laboratory on March 27, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: Duncan Glasford, Ramboll US Consulting, Inc.
Kyle Heimstead, Ramboll US Consulting, Inc.

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

CERTIFICATIONS

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

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: 1690023383 BECHER ST
Pace Project No.: 40275991

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40275991001	**B3 PIT SOIL**	Solid	03/26/24 15:00	03/27/24 09:20
40275991002	**B3 PIT GW**	Water	03/26/24 15:00	03/27/24 09:20

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

SAMPLE ANALYTE COUNT

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40275991001	**B3 PIT SOIL**	EPA 8082A	BLM	10
		EPA 6010D	SIS	7
		EPA 7471	RZA	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	EIB	65
		ASTM D2974-87	EGL	1
40275991002	**B3 PIT GW**	EPA 8082A	BLM	10
		EPA 6020B	KXS	7
		EPA 7470	RZA	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	CXJ	65

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

Sample: B3 PIT SOIL **Lab ID: 40275991001** Collected: 03/26/24 15:00 Received: 03/27/24 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<16.5**	ug/kg	54.1	16.5	1	03/28/24 12:00	03/28/24 16:57	12674-11-2	
PCB-1221 (Aroclor 1221)	**<16.5**	ug/kg	54.1	16.5	1	03/28/24 12:00	03/28/24 16:57	11104-28-2	
PCB-1232 (Aroclor 1232)	**<16.5**	ug/kg	54.1	16.5	1	03/28/24 12:00	03/28/24 16:57	11141-16-5	
PCB-1242 (Aroclor 1242)	**<16.5**	ug/kg	54.1	16.5	1	03/28/24 12:00	03/28/24 16:57	53469-21-9	
PCB-1248 (Aroclor 1248)	**<16.5**	ug/kg	54.1	16.5	1	03/28/24 12:00	03/28/24 16:57	12672-29-6	
PCB-1254 (Aroclor 1254)	**<16.5**	ug/kg	54.1	16.5	1	03/28/24 12:00	03/28/24 16:57	11097-69-1	
PCB-1260 (Aroclor 1260)	**26.4J**	ug/kg	54.1	16.5	1	03/28/24 12:00	03/28/24 16:57	11096-82-5	
PCB, Total	**26.4J**	ug/kg	54.1	16.5	1	03/28/24 12:00	03/28/24 16:57	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	92	%	44-120		1	03/28/24 12:00	03/28/24 16:57	877-09-8	
Decachlorobiphenyl (S)	74	%	34-120		1	03/28/24 12:00	03/28/24 16:57	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**3.7**	mg/kg	2.5	1.5	1	03/28/24 06:22	03/28/24 19:15	7440-38-2	
Barium	**34.4**	mg/kg	0.51	0.15	1	03/28/24 06:22	03/28/24 19:15	7440-39-3	
Cadmium	**0.16J**	mg/kg	0.51	0.14	1	03/28/24 06:22	03/28/24 19:15	7440-43-9	
Chromium	**13.0**	mg/kg	1.0	0.28	1	03/28/24 06:22	03/28/24 19:15	7440-47-3	
Lead	**39.4**	mg/kg	2.0	0.61	1	03/28/24 06:22	03/28/24 19:15	7439-92-1	
Selenium	**<1.3**	mg/kg	4.1	1.3	1	03/28/24 06:22	03/28/24 19:15	7782-49-2	
Silver	**<0.31**	mg/kg	1.0	0.31	1	03/28/24 06:22	03/28/24 19:15	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.013J**	mg/kg	0.038	0.011	1	04/01/24 10:40	04/01/24 13:48	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<2.3**	ug/kg	18.1	2.3	1	03/28/24 08:47	03/28/24 19:00	83-32-9	
Acenaphthylene	**<2.3**	ug/kg	18.1	2.3	1	03/28/24 08:47	03/28/24 19:00	208-96-8	
Anthracene	**<2.2**	ug/kg	18.1	2.2	1	03/28/24 08:47	03/28/24 19:00	120-12-7	
Benzo(a)anthracene	**4.1J**	ug/kg	18.1	2.3	1	03/28/24 08:47	03/28/24 19:00	56-55-3	
Benzo(a)pyrene	**5.0J**	ug/kg	18.1	2.1	1	03/28/24 08:47	03/28/24 19:00	50-32-8	
Benzo(b)fluoranthene	**9.1J**	ug/kg	18.1	2.5	1	03/28/24 08:47	03/28/24 19:00	205-99-2	
Benzo(g,h,i)perylene	**6.6J**	ug/kg	18.1	3.2	1	03/28/24 08:47	03/28/24 19:00	191-24-2	
Benzo(k)fluoranthene	**3.4J**	ug/kg	18.1	2.3	1	03/28/24 08:47	03/28/24 19:00	207-08-9	
Chrysene	**5.0J**	ug/kg	18.1	3.4	1	03/28/24 08:47	03/28/24 19:00	218-01-9	
Dibenz(a,h)anthracene	**<2.5**	ug/kg	18.1	2.5	1	03/28/24 08:47	03/28/24 19:00	53-70-3	
Fluoranthene	**4.5J**	ug/kg	18.1	2.1	1	03/28/24 08:47	03/28/24 19:00	206-44-0	
Fluorene	**<2.2**	ug/kg	18.1	2.2	1	03/28/24 08:47	03/28/24 19:00	86-73-7	
Indeno(1,2,3-cd)pyrene	**4.2J**	ug/kg	18.1	3.8	1	03/28/24 08:47	03/28/24 19:00	193-39-5	
1-Methylnaphthalene	**<2.6**	ug/kg	18.1	2.6	1	03/28/24 08:47	03/28/24 19:00	90-12-0	
2-Methylnaphthalene	**<2.6**	ug/kg	18.1	2.6	1	03/28/24 08:47	03/28/24 19:00	91-57-6	
Naphthalene	**<1.8**	ug/kg	18.1	1.8	1	03/28/24 08:47	03/28/24 19:00	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

Sample: B3 PIT SOIL **Lab ID: 40275991001** Collected: 03/26/24 15:00 Received: 03/27/24 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**<2.1**	ug/kg	18.1	2.1	1	03/28/24 08:47	03/28/24 19:00	85-01-8	
Pyrene	**3.7J**	ug/kg	18.1	2.7	1	03/28/24 08:47	03/28/24 19:00	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	58	%	39-120		1	03/28/24 08:47	03/28/24 19:00	321-60-8	
Terphenyl-d14 (S)	62	%	36-120		1	03/28/24 08:47	03/28/24 19:00	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<14.0**	ug/kg	58.3	14.0	1	03/28/24 12:15	03/28/24 17:46	630-20-6	
1,1,1-Trichloroethane	**<14.9**	ug/kg	58.3	14.9	1	03/28/24 12:15	03/28/24 17:46	71-55-6	
1,1,2,2-Tetrachloroethane	**<21.1**	ug/kg	58.3	21.1	1	03/28/24 12:15	03/28/24 17:46	79-34-5	
1,1,2-Trichloroethane	**<21.2**	ug/kg	58.3	21.2	1	03/28/24 12:15	03/28/24 17:46	79-00-5	
1,1-Dichloroethane	**<14.9**	ug/kg	58.3	14.9	1	03/28/24 12:15	03/28/24 17:46	75-34-3	
1,1-Dichloroethene	**<19.4**	ug/kg	58.3	19.4	1	03/28/24 12:15	03/28/24 17:46	75-35-4	
1,1-Dichloropropene	**<18.9**	ug/kg	58.3	18.9	1	03/28/24 12:15	03/28/24 17:46	563-58-6	
1,2,3-Trichlorobenzene	**<65.0**	ug/kg	292	65.0	1	03/28/24 12:15	03/28/24 17:46	87-61-6	
1,2,3-Trichloropropane	**<28.3**	ug/kg	58.3	28.3	1	03/28/24 12:15	03/28/24 17:46	96-18-4	
1,2,4-Trichlorobenzene	**<48.1**	ug/kg	292	48.1	1	03/28/24 12:15	03/28/24 17:46	120-82-1	
1,2,4-Trimethylbenzene	**<17.4**	ug/kg	58.3	17.4	1	03/28/24 12:15	03/28/24 17:46	95-63-6	
1,2-Dibromo-3-chloropropane	**<45.3**	ug/kg	292	45.3	1	03/28/24 12:15	03/28/24 17:46	96-12-8	
1,2-Dibromoethane (EDB)	**<16.0**	ug/kg	58.3	16.0	1	03/28/24 12:15	03/28/24 17:46	106-93-4	
1,2-Dichlorobenzene	**<18.1**	ug/kg	58.3	18.1	1	03/28/24 12:15	03/28/24 17:46	95-50-1	
1,2-Dichloroethane	**<13.4**	ug/kg	58.3	13.4	1	03/28/24 12:15	03/28/24 17:46	107-06-2	
1,2-Dichloropropane	**<13.9**	ug/kg	58.3	13.9	1	03/28/24 12:15	03/28/24 17:46	78-87-5	
1,3,5-Trimethylbenzene	**<18.8**	ug/kg	58.3	18.8	1	03/28/24 12:15	03/28/24 17:46	108-67-8	
1,3-Dichlorobenzene	**<16.0**	ug/kg	58.3	16.0	1	03/28/24 12:15	03/28/24 17:46	541-73-1	
1,3-Dichloropropane	**<12.7**	ug/kg	58.3	12.7	1	03/28/24 12:15	03/28/24 17:46	142-28-9	
1,4-Dichlorobenzene	**<16.0**	ug/kg	58.3	16.0	1	03/28/24 12:15	03/28/24 17:46	106-46-7	
2,2-Dichloropropane	**<15.7**	ug/kg	58.3	15.7	1	03/28/24 12:15	03/28/24 17:46	594-20-7	
2-Chlorotoluene	**<18.9**	ug/kg	58.3	18.9	1	03/28/24 12:15	03/28/24 17:46	95-49-8	
4-Chlorotoluene	**<22.2**	ug/kg	58.3	22.2	1	03/28/24 12:15	03/28/24 17:46	106-43-4	
Benzene	**<13.9**	ug/kg	23.3	13.9	1	03/28/24 12:15	03/28/24 17:46	71-43-2	
Bromobenzene	**<22.7**	ug/kg	58.3	22.7	1	03/28/24 12:15	03/28/24 17:46	108-86-1	
Bromochloromethane	**<16.0**	ug/kg	58.3	16.0	1	03/28/24 12:15	03/28/24 17:46	74-97-5	
Bromodichloromethane	**<13.9**	ug/kg	58.3	13.9	1	03/28/24 12:15	03/28/24 17:46	75-27-4	
Bromoform	**<257**	ug/kg	292	257	1	03/28/24 12:15	03/28/24 17:46	75-25-2	
Bromomethane	**<81.8**	ug/kg	292	81.8	1	03/28/24 12:15	03/28/24 17:46	74-83-9	
Carbon tetrachloride	**<12.8**	ug/kg	58.3	12.8	1	03/28/24 12:15	03/28/24 17:46	56-23-5	
Chlorobenzene	**<7.0**	ug/kg	58.3	7.0	1	03/28/24 12:15	03/28/24 17:46	108-90-7	
Chloroethane	**<24.6**	ug/kg	292	24.6	1	03/28/24 12:15	03/28/24 17:46	75-00-3	
Chloroform	**<41.8**	ug/kg	292	41.8	1	03/28/24 12:15	03/28/24 17:46	67-66-3	
Chloromethane	**<22.2**	ug/kg	58.3	22.2	1	03/28/24 12:15	03/28/24 17:46	74-87-3	
Dibromochloromethane	**<199**	ug/kg	292	199	1	03/28/24 12:15	03/28/24 17:46	124-48-1	
Dibromomethane	**<17.3**	ug/kg	58.3	17.3	1	03/28/24 12:15	03/28/24 17:46	74-95-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

Sample: B3 PIT SOIL **Lab ID: 40275991001** Collected: 03/26/24 15:00 Received: 03/27/24 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<25.1**	ug/kg	58.3	25.1	1	03/28/24 12:15	03/28/24 17:46	75-71-8	
Diisopropyl ether	**<14.5**	ug/kg	58.3	14.5	1	03/28/24 12:15	03/28/24 17:46	108-20-3	
Ethylbenzene	**<13.9**	ug/kg	58.3	13.9	1	03/28/24 12:15	03/28/24 17:46	100-41-4	
Hexachloro-1,3-butadiene	**<116**	ug/kg	292	116	1	03/28/24 12:15	03/28/24 17:46	87-68-3	
Isopropylbenzene (Cumene)	**<15.7**	ug/kg	58.3	15.7	1	03/28/24 12:15	03/28/24 17:46	98-82-8	
Methyl-tert-butyl ether	**<17.1**	ug/kg	58.3	17.1	1	03/28/24 12:15	03/28/24 17:46	1634-04-4	
Methylene Chloride	**<16.2**	ug/kg	58.3	16.2	1	03/28/24 12:15	03/28/24 17:46	75-09-2	
Naphthalene	**<24.5**	ug/kg	292	24.5	1	03/28/24 12:15	03/28/24 17:46	91-20-3	
Styrene	**<14.9**	ug/kg	58.3	14.9	1	03/28/24 12:15	03/28/24 17:46	100-42-5	
Tetrachloroethene	**<22.6**	ug/kg	58.3	22.6	1	03/28/24 12:15	03/28/24 17:46	127-18-4	
Toluene	**<14.7**	ug/kg	58.3	14.7	1	03/28/24 12:15	03/28/24 17:46	108-88-3	
Trichloroethene	**<21.8**	ug/kg	58.3	21.8	1	03/28/24 12:15	03/28/24 17:46	79-01-6	
Trichlorofluoromethane	**<16.9**	ug/kg	58.3	16.9	1	03/28/24 12:15	03/28/24 17:46	75-69-4	
Vinyl chloride	**<11.8**	ug/kg	58.3	11.8	1	03/28/24 12:15	03/28/24 17:46	75-01-4	
Xylene (Total)	**<42.1**	ug/kg	175	42.1	1	03/28/24 12:15	03/28/24 17:46	1330-20-7	
cis-1,2-Dichloroethene	**<12.5**	ug/kg	58.3	12.5	1	03/28/24 12:15	03/28/24 17:46	156-59-2	
cis-1,3-Dichloropropene	**<38.5**	ug/kg	292	38.5	1	03/28/24 12:15	03/28/24 17:46	10061-01-5	
m&p-Xylene	**<24.6**	ug/kg	117	24.6	1	03/28/24 12:15	03/28/24 17:46	179601-23-1	
n-Butylbenzene	**<26.7**	ug/kg	58.3	26.7	1	03/28/24 12:15	03/28/24 17:46	104-51-8	
n-Propylbenzene	**<14.0**	ug/kg	58.3	14.0	1	03/28/24 12:15	03/28/24 17:46	103-65-1	
o-Xylene	**<17.5**	ug/kg	58.3	17.5	1	03/28/24 12:15	03/28/24 17:46	95-47-6	
p-Isopropyltoluene	**<19.8**	ug/kg	58.3	19.8	1	03/28/24 12:15	03/28/24 17:46	99-87-6	
sec-Butylbenzene	**<20.0**	ug/kg	58.3	20.0	1	03/28/24 12:15	03/28/24 17:46	135-98-8	
tert-Butylbenzene	**<18.3**	ug/kg	58.3	18.3	1	03/28/24 12:15	03/28/24 17:46	98-06-6	
trans-1,2-Dichloroethene	**<12.7**	ug/kg	58.3	12.7	1	03/28/24 12:15	03/28/24 17:46	156-60-5	
trans-1,3-Dichloropropene	**<167**	ug/kg	292	167	1	03/28/24 12:15	03/28/24 17:46	10061-02-6	
Surrogates									
Toluene-d8 (S)	114	%	70-139		1	03/28/24 12:15	03/28/24 17:46	2037-26-5	
4-Bromofluorobenzene (S)	121	%	72-142		1	03/28/24 12:15	03/28/24 17:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	122	%	67-144		1	03/28/24 12:15	03/28/24 17:46	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**7.7**	%	0.10	0.10	1		03/27/24 13:54		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

Sample: B3 PIT GW **Lab ID: 40275991002** Collected: 03/26/24 15:00 Received: 03/27/24 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB Low Volume	Analytical Method: EPA 8082A Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<0.11**	ug/L	0.50	0.11	1	03/29/24 08:46	03/29/24 17:05	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.11**	ug/L	0.50	0.11	1	03/29/24 08:46	03/29/24 17:05	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.11**	ug/L	0.50	0.11	1	03/29/24 08:46	03/29/24 17:05	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.11**	ug/L	0.50	0.11	1	03/29/24 08:46	03/29/24 17:05	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.11**	ug/L	0.50	0.11	1	03/29/24 08:46	03/29/24 17:05	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.11**	ug/L	0.50	0.11	1	03/29/24 08:46	03/29/24 17:05	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.11**	ug/L	0.50	0.11	1	03/29/24 08:46	03/29/24 17:05	11096-82-5	
PCB, Total	**<0.11**	ug/L	0.50	0.11	1	03/29/24 08:46	03/29/24 17:05	1336-36-3	
Surrogates									
Decachlorobiphenyl (S)	47	%	10-132		1	03/29/24 08:46	03/29/24 17:05	2051-24-3	
Tetrachloro-m-xylene (S)	69	%	41-120		1	03/29/24 08:46	03/29/24 17:05	877-09-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**4.2**	ug/L	1.0	0.28	1	03/28/24 06:12	03/28/24 23:31	7440-38-2	
Barium, Dissolved	**103**	ug/L	2.3	0.70	1	03/28/24 06:12	03/28/24 23:31	7440-39-3	
Cadmium, Dissolved	**<0.15**	ug/L	1.0	0.15	1	03/28/24 06:12	03/28/24 23:31	7440-43-9	
Chromium, Dissolved	**3.0J**	ug/L	3.4	1.0	1	03/28/24 06:12	03/29/24 08:54	7440-47-3	
Lead, Dissolved	**28.3**	ug/L	1.0	0.24	1	03/28/24 06:12	03/28/24 23:31	7439-92-1	
Selenium, Dissolved	**10.8**	ug/L	1.1	0.32	1	03/28/24 06:12	03/28/24 23:31	7782-49-2	
Silver, Dissolved	**<0.13**	ug/L	0.50	0.13	1	03/28/24 06:12	03/28/24 23:31	7440-22-4	
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	03/29/24 11:36	04/01/24 11:09	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.42**	ug/L	0.050	0.014	1	03/27/24 13:24	03/28/24 13:32	83-32-9	
Acenaphthylene	**0.061**	ug/L	0.050	0.013	1	03/27/24 13:24	03/28/24 13:32	208-96-8	
Anthracene	**0.28**	ug/L	0.050	0.018	1	03/27/24 13:24	03/28/24 13:32	120-12-7	
Benzo(a)anthracene	**0.27**	ug/L	0.050	0.014	1	03/27/24 13:24	03/28/24 13:32	56-55-3	
Benzo(a)pyrene	**0.20**	ug/L	0.050	0.013	1	03/27/24 13:24	03/28/24 13:32	50-32-8	
Benzo(b)fluoranthene	**0.25**	ug/L	0.050	0.0091	1	03/27/24 13:24	03/28/24 13:32	205-99-2	
Benzo(g,h,i)perylene	**0.20**	ug/L	0.050	0.023	1	03/27/24 13:24	03/28/24 13:32	191-24-2	
Benzo(k)fluoranthene	**0.076**	ug/L	0.050	0.022	1	03/27/24 13:24	03/28/24 13:32	207-08-9	
Chrysene	**0.45**	ug/L	0.050	0.013	1	03/27/24 13:24	03/28/24 13:32	218-01-9	
Dibenz(a,h)anthracene	**0.042J**	ug/L	0.050	0.018	1	03/27/24 13:24	03/28/24 13:32	53-70-3	
Fluoranthene	**0.26**	ug/L	0.050	0.026	1	03/27/24 13:24	03/28/24 13:32	206-44-0	
Fluorene	**0.36**	ug/L	0.050	0.024	1	03/27/24 13:24	03/28/24 13:32	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.13**	ug/L	0.050	0.016	1	03/27/24 13:24	03/28/24 13:32	193-39-5	
1-Methylnaphthalene	**0.61**	ug/L	0.050	0.018	1	03/27/24 13:24	03/28/24 13:32	90-12-0	
2-Methylnaphthalene	**0.27**	ug/L	0.050	0.014	1	03/27/24 13:24	03/28/24 13:32	91-57-6	
Naphthalene	**0.29**	ug/L	0.050	0.020	1	03/27/24 13:24	03/28/24 13:32	91-20-3	1q
Phenanthrene	**0.44**	ug/L	0.050	0.026	1	03/27/24 13:24	03/28/24 13:32	85-01-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

Sample: B3 PIT GW **Lab ID: 40275991002** Collected: 03/26/24 15:00 Received: 03/27/24 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Pyrene	**1.0**	ug/L	0.050	0.023	1	03/27/24 13:24	03/28/24 13:32	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	59	%	38-120		1	03/27/24 13:24	03/28/24 13:32	321-60-8	
Terphenyl-d14 (S)	61	%	47-121		1	03/27/24 13:24	03/28/24 13:32	1718-51-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		03/28/24 23:11	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		03/28/24 23:11	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		03/28/24 23:11	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		03/28/24 23:11	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		03/28/24 23:11	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		03/28/24 23:11	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		03/28/24 23:11	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		03/28/24 23:11	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		03/28/24 23:11	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		03/28/24 23:11	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		03/28/24 23:11	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		03/28/24 23:11	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		03/28/24 23:11	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		03/28/24 23:11	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		03/28/24 23:11	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		03/28/24 23:11	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		03/28/24 23:11	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		03/28/24 23:11	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		03/28/24 23:11	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		03/28/24 23:11	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		03/28/24 23:11	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		03/28/24 23:11	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		03/28/24 23:11	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		03/28/24 23:11	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		03/28/24 23:11	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		03/28/24 23:11	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		03/28/24 23:11	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		03/28/24 23:11	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		03/28/24 23:11	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		03/28/24 23:11	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		03/28/24 23:11	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		03/28/24 23:11	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		03/28/24 23:11	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		03/28/24 23:11	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		03/28/24 23:11	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		03/28/24 23:11	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		03/28/24 23:11	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		03/28/24 23:11	87-68-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

Sample: B3 PIT GW **Lab ID: 40275991002** Collected: 03/26/24 15:00 Received: 03/27/24 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		03/28/24 23:11	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		03/28/24 23:11	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		03/28/24 23:11	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		03/28/24 23:11	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		03/28/24 23:11	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		03/28/24 23:11	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		03/28/24 23:11	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		03/28/24 23:11	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		03/28/24 23:11	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		03/28/24 23:11	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		03/28/24 23:11	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		03/28/24 23:11	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		03/28/24 23:11	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		03/28/24 23:11	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		03/28/24 23:11	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		03/28/24 23:11	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		03/28/24 23:11	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		03/28/24 23:11	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		03/28/24 23:11	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		03/28/24 23:11	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		03/28/24 23:11	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		03/28/24 23:11	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		03/28/24 23:11	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		03/28/24 23:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/28/24 23:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		03/28/24 23:11	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/28/24 23:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

QC Batch: 470435
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275991002

METHOD BLANK: 2694477 Matrix: Water
Associated Lab Samples: 40275991002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.066	0.20	04/01/24 10:06	

LABORATORY CONTROL SAMPLE: 2694478

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	4.9	99	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2694479 2694480

Parameter	Units	40275759021 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	5.1	5.0	101	100	85-115	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

QC Batch: 470503
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275991001

METHOD BLANK: 2694964 Matrix: Solid
Associated Lab Samples: 40275991001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	04/01/24 13:43	

LABORATORY CONTROL SAMPLE: 2694965

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.85	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2694966 2694967

Parameter	Units	40275991001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.013J	0.9	0.9	0.96	0.94	106	103	85-115	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

QC Batch: 470179
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275991001

METHOD BLANK: 2693415 Matrix: Solid
Associated Lab Samples: 40275991001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	03/28/24 18:48	
Barium	mg/kg	<0.15	0.50	03/28/24 18:48	
Cadmium	mg/kg	<0.13	0.50	03/28/24 18:48	
Chromium	mg/kg	<0.28	1.0	03/28/24 18:48	
Lead	mg/kg	<0.60	2.0	03/28/24 18:48	
Selenium	mg/kg	<1.3	4.0	03/28/24 18:48	
Silver	mg/kg	<0.31	1.0	03/28/24 18:48	

LABORATORY CONTROL SAMPLE: 2693416

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.7	99	80-120	
Barium	mg/kg	25	26.8	107	80-120	
Cadmium	mg/kg	25	26.6	106	80-120	
Chromium	mg/kg	25	26.3	105	80-120	
Lead	mg/kg	25	26.8	107	80-120	
Selenium	mg/kg	25	25.4	102	80-120	
Silver	mg/kg	12.5	13.0	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2693417 2693418

Parameter	Units	40275940001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	4.2J	30.7	30.5	34.2	34.1	98	98	75-125	0	20	
Barium	mg/kg	112	30.7	30.5	181	169	223	185	75-125	7	20	M0
Cadmium	mg/kg	<0.33	30.7	30.5	32.6	32.4	106	106	75-125	1	20	
Chromium	mg/kg	38.3	30.7	30.5	77.3	73.4	127	115	75-125	5	20	M0
Lead	mg/kg	9.5	30.7	30.5	42.0	41.4	106	104	75-125	1	20	
Selenium	mg/kg	<3.2	30.7	30.5	33.3	33.2	104	105	75-125	0	20	
Silver	mg/kg	<0.75	15.4	15.3	17.0	16.5	109	106	75-125	3	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

QC Batch: 470298
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275991002

METHOD BLANK: 2693884 Matrix: Water
Associated Lab Samples: 40275991002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<0.28	1.0	03/28/24 23:17	
Barium, Dissolved	ug/L	<0.70	2.3	03/28/24 23:17	
Cadmium, Dissolved	ug/L	<0.15	1.0	03/28/24 23:17	
Chromium, Dissolved	ug/L	<1.0	3.4	03/29/24 09:45	
Lead, Dissolved	ug/L	<0.24	1.0	03/28/24 23:17	
Selenium, Dissolved	ug/L	<0.32	1.1	03/28/24 23:17	
Silver, Dissolved	ug/L	<0.13	0.50	03/28/24 23:17	

LABORATORY CONTROL SAMPLE: 2693885

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	250	268	107	80-120	
Barium, Dissolved	ug/L	250	277	111	80-120	
Cadmium, Dissolved	ug/L	250	279	112	80-120	
Chromium, Dissolved	ug/L	250	263	105	80-120	
Lead, Dissolved	ug/L	250	289	116	80-120	
Selenium, Dissolved	ug/L	250	270	108	80-120	
Silver, Dissolved	ug/L	125	141	113	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2693886 2693887

Parameter	Units	40275991002 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	4.2	250	250	282	282	111	111	75-125	0	20	
Barium, Dissolved	ug/L	103	250	250	389	390	115	115	75-125	0	20	
Cadmium, Dissolved	ug/L	<0.15	250	250	262	269	105	108	75-125	3	20	
Chromium, Dissolved	ug/L	3.0J	250	250	261	258	103	102	75-125	1	20	
Lead, Dissolved	ug/L	28.3	250	250	304	316	110	115	75-125	4	20	
Selenium, Dissolved	ug/L	10.8	250	250	294	298	113	115	75-125	1	20	
Silver, Dissolved	ug/L	<0.13	125	125	127	130	101	104	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

QC Batch: 470352
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275991001

METHOD BLANK: 2694207 Matrix: Solid
Associated Lab Samples: 40275991001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	03/28/24 13:53	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	03/28/24 13:53	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	03/28/24 13:53	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	03/28/24 13:53	
1,1-Dichloroethane	ug/kg	<12.8	50.0	03/28/24 13:53	
1,1-Dichloroethene	ug/kg	<16.6	50.0	03/28/24 13:53	
1,1-Dichloropropene	ug/kg	<16.2	50.0	03/28/24 13:53	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	03/28/24 13:53	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	03/28/24 13:53	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	03/28/24 13:53	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	03/28/24 13:53	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	03/28/24 13:53	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	03/28/24 13:53	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	03/28/24 13:53	
1,2-Dichloroethane	ug/kg	<11.5	50.0	03/28/24 13:53	
1,2-Dichloropropane	ug/kg	<11.9	50.0	03/28/24 13:53	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	03/28/24 13:53	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	03/28/24 13:53	
1,3-Dichloropropane	ug/kg	<10.9	50.0	03/28/24 13:53	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	03/28/24 13:53	
2,2-Dichloropropane	ug/kg	<13.5	50.0	03/28/24 13:53	
2-Chlorotoluene	ug/kg	<16.2	50.0	03/28/24 13:53	
4-Chlorotoluene	ug/kg	<19.0	50.0	03/28/24 13:53	
Benzene	ug/kg	<11.9	20.0	03/28/24 13:53	
Bromobenzene	ug/kg	<19.5	50.0	03/28/24 13:53	
Bromochloromethane	ug/kg	<13.7	50.0	03/28/24 13:53	
Bromodichloromethane	ug/kg	<11.9	50.0	03/28/24 13:53	
Bromoform	ug/kg	<220	250	03/28/24 13:53	
Bromomethane	ug/kg	<70.1	250	03/28/24 13:53	
Carbon tetrachloride	ug/kg	<11.0	50.0	03/28/24 13:53	
Chlorobenzene	ug/kg	<6.0	50.0	03/28/24 13:53	
Chloroethane	ug/kg	<21.1	250	03/28/24 13:53	
Chloroform	ug/kg	<35.8	250	03/28/24 13:53	
Chloromethane	ug/kg	<19.0	50.0	03/28/24 13:53	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	03/28/24 13:53	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	03/28/24 13:53	
Dibromochloromethane	ug/kg	<171	250	03/28/24 13:53	
Dibromomethane	ug/kg	<14.8	50.0	03/28/24 13:53	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	03/28/24 13:53	
Diisopropyl ether	ug/kg	<12.4	50.0	03/28/24 13:53	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

METHOD BLANK: 2694207 Matrix: Solid
Associated Lab Samples: 40275991001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	03/28/24 13:53	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	03/28/24 13:53	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	03/28/24 13:53	
m&p-Xylene	ug/kg	<21.1	100	03/28/24 13:53	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	03/28/24 13:53	
Methylene Chloride	ug/kg	<13.9	50.0	03/28/24 13:53	
n-Butylbenzene	ug/kg	<22.9	50.0	03/28/24 13:53	
n-Propylbenzene	ug/kg	<12.0	50.0	03/28/24 13:53	
Naphthalene	ug/kg	<21.0	250	03/28/24 13:53	
o-Xylene	ug/kg	<15.0	50.0	03/28/24 13:53	
p-Isopropyltoluene	ug/kg	<17.0	50.0	03/28/24 13:53	
sec-Butylbenzene	ug/kg	<17.2	50.0	03/28/24 13:53	
Styrene	ug/kg	<12.8	50.0	03/28/24 13:53	
tert-Butylbenzene	ug/kg	<15.7	50.0	03/28/24 13:53	
Tetrachloroethene	ug/kg	<19.4	50.0	03/28/24 13:53	
Toluene	ug/kg	<12.6	50.0	03/28/24 13:53	
trans-1,2-Dichloroethene	ug/kg	<10.9	50.0	03/28/24 13:53	
trans-1,3-Dichloropropene	ug/kg	<143	250	03/28/24 13:53	
Trichloroethene	ug/kg	<18.7	50.0	03/28/24 13:53	
Trichlorofluoromethane	ug/kg	<14.5	50.0	03/28/24 13:53	
Vinyl chloride	ug/kg	<10.1	50.0	03/28/24 13:53	
Xylene (Total)	ug/kg	<36.1	150	03/28/24 13:53	
1,2-Dichlorobenzene-d4 (S)	%	107	67-144	03/28/24 13:53	
4-Bromofluorobenzene (S)	%	109	72-142	03/28/24 13:53	
Toluene-d8 (S)	%	101	70-139	03/28/24 13:53	

LABORATORY CONTROL SAMPLE: 2694208

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2270	91	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2570	103	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2340	94	70-130	
1,1-Dichloroethane	ug/kg	2500	2510	100	70-130	
1,1-Dichloroethene	ug/kg	2500	2300	92	77-122	
1,2,4-Trichlorobenzene	ug/kg	2500	2310	92	66-125	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2330	93	66-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2420	97	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2760	110	70-130	
1,2-Dichloroethane	ug/kg	2500	2550	102	70-130	
1,2-Dichloropropane	ug/kg	2500	2520	101	80-121	
1,3-Dichlorobenzene	ug/kg	2500	2710	108	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2680	107	70-130	
Benzene	ug/kg	2500	2420	97	70-130	
Bromodichloromethane	ug/kg	2500	2540	102	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

LABORATORY CONTROL SAMPLE: 2694208

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2310	93	67-130	
Bromomethane	ug/kg	2500	2520	101	25-150	
Carbon tetrachloride	ug/kg	2500	2390	96	72-136	
Chlorobenzene	ug/kg	2500	2570	103	70-130	
Chloroethane	ug/kg	2500	2460	98	20-178	
Chloroform	ug/kg	2500	2410	96	80-120	
Chloromethane	ug/kg	2500	1860	74	45-123	
cis-1,2-Dichloroethene	ug/kg	2500	2440	98	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2360	94	70-130	
Dibromochloromethane	ug/kg	2500	2370	95	70-130	
Dichlorodifluoromethane	ug/kg	2500	1630	65	14-106	
Ethylbenzene	ug/kg	2500	2340	94	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2260	91	70-130	
m&p-Xylene	ug/kg	5000	4770	95	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2420	97	70-130	
Methylene Chloride	ug/kg	2500	2570	103	70-130	
o-Xylene	ug/kg	2500	2510	100	70-130	
Styrene	ug/kg	2500	2600	104	70-130	
Tetrachloroethene	ug/kg	2500	2370	95	70-130	
Toluene	ug/kg	2500	2470	99	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2280	91	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2330	93	70-130	
Trichloroethene	ug/kg	2500	2520	101	70-130	
Trichlorofluoromethane	ug/kg	2500	2230	89	49-141	
Vinyl chloride	ug/kg	2500	1860	74	59-120	
Xylene (Total)	ug/kg	7500	7290	97	70-130	
1,2-Dichlorobenzene-d4 (S)	%			116	67-144	
4-Bromofluorobenzene (S)	%			115	72-142	
Toluene-d8 (S)	%			105	70-139	

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REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

QC Batch: 470322
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275991002

METHOD BLANK: 2693991 Matrix: Water
Associated Lab Samples: 40275991002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	03/28/24 16:21	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	03/28/24 16:21	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	03/28/24 16:21	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	03/28/24 16:21	
1,1-Dichloroethane	ug/L	<0.30	1.0	03/28/24 16:21	
1,1-Dichloroethene	ug/L	<0.58	1.0	03/28/24 16:21	
1,1-Dichloropropene	ug/L	<0.41	1.0	03/28/24 16:21	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	03/28/24 16:21	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	03/28/24 16:21	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	03/28/24 16:21	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	03/28/24 16:21	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	03/28/24 16:21	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	03/28/24 16:21	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	03/28/24 16:21	
1,2-Dichloroethane	ug/L	<0.29	1.0	03/28/24 16:21	
1,2-Dichloropropane	ug/L	<0.45	1.0	03/28/24 16:21	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	03/28/24 16:21	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	03/28/24 16:21	
1,3-Dichloropropane	ug/L	<0.30	1.0	03/28/24 16:21	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	03/28/24 16:21	
2,2-Dichloropropane	ug/L	<0.42	1.0	03/28/24 16:21	
2-Chlorotoluene	ug/L	<0.89	5.0	03/28/24 16:21	
4-Chlorotoluene	ug/L	<0.89	5.0	03/28/24 16:21	
Benzene	ug/L	<0.30	1.0	03/28/24 16:21	
Bromobenzene	ug/L	<0.36	1.0	03/28/24 16:21	
Bromochloromethane	ug/L	<0.36	1.0	03/28/24 16:21	
Bromodichloromethane	ug/L	<0.42	1.0	03/28/24 16:21	
Bromoform	ug/L	<0.43	1.0	03/28/24 16:21	
Bromomethane	ug/L	<1.2	5.0	03/28/24 16:21	
Carbon tetrachloride	ug/L	<0.37	1.0	03/28/24 16:21	
Chlorobenzene	ug/L	<0.86	1.0	03/28/24 16:21	
Chloroethane	ug/L	<1.4	5.0	03/28/24 16:21	
Chloroform	ug/L	<0.50	5.0	03/28/24 16:21	
Chloromethane	ug/L	<1.6	5.0	03/28/24 16:21	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	03/28/24 16:21	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	03/28/24 16:21	
Dibromochloromethane	ug/L	<2.6	5.0	03/28/24 16:21	
Dibromomethane	ug/L	<0.99	5.0	03/28/24 16:21	
Dichlorodifluoromethane	ug/L	<0.46	5.0	03/28/24 16:21	
Diisopropyl ether	ug/L	<1.1	5.0	03/28/24 16:21	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

METHOD BLANK: 2693991 Matrix: Water
Associated Lab Samples: 40275991002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	03/28/24 16:21	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	03/28/24 16:21	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	03/28/24 16:21	
m&p-Xylene	ug/L	<0.70	2.0	03/28/24 16:21	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	03/28/24 16:21	
Methylene Chloride	ug/L	<0.32	5.0	03/28/24 16:21	
n-Butylbenzene	ug/L	<0.86	1.0	03/28/24 16:21	
n-Propylbenzene	ug/L	<0.35	1.0	03/28/24 16:21	
Naphthalene	ug/L	<1.9	5.0	03/28/24 16:21	
o-Xylene	ug/L	<0.35	1.0	03/28/24 16:21	
p-Isopropyltoluene	ug/L	<1.0	5.0	03/28/24 16:21	
sec-Butylbenzene	ug/L	<0.42	1.0	03/28/24 16:21	
Styrene	ug/L	<0.36	1.0	03/28/24 16:21	
tert-Butylbenzene	ug/L	<0.59	1.0	03/28/24 16:21	
Tetrachloroethene	ug/L	<0.41	1.0	03/28/24 16:21	
Toluene	ug/L	<0.29	1.0	03/28/24 16:21	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	03/28/24 16:21	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	03/28/24 16:21	
Trichloroethene	ug/L	<0.32	1.0	03/28/24 16:21	
Trichlorofluoromethane	ug/L	<0.42	1.0	03/28/24 16:21	
Vinyl chloride	ug/L	<0.17	1.0	03/28/24 16:21	
Xylene (Total)	ug/L	<1.0	3.0	03/28/24 16:21	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	03/28/24 16:21	
4-Bromofluorobenzene (S)	%	96	70-130	03/28/24 16:21	
Toluene-d8 (S)	%	100	70-130	03/28/24 16:21	

LABORATORY CONTROL SAMPLE: 2693992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	47.4	95	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	46.0	92	70-130	
1,1,2-Trichloroethane	ug/L	50	46.2	92	70-130	
1,1-Dichloroethane	ug/L	50	47.3	95	70-130	
1,1-Dichloroethene	ug/L	50	45.4	91	73-140	
1,2,4-Trichlorobenzene	ug/L	50	44.4	89	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	40.5	81	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	47.1	94	70-130	
1,2-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,2-Dichloroethane	ug/L	50	47.6	95	70-130	
1,2-Dichloropropane	ug/L	50	48.9	98	77-127	
1,3-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,4-Dichlorobenzene	ug/L	50	52.0	104	70-130	
Benzene	ug/L	50	47.9	96	70-130	
Bromodichloromethane	ug/L	50	47.1	94	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

LABORATORY CONTROL SAMPLE: 2693992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	38.1	76	70-130	
Bromomethane	ug/L	50	38.4	77	22-141	
Carbon tetrachloride	ug/L	50	44.2	88	70-135	
Chlorobenzene	ug/L	50	50.2	100	70-130	
Chloroethane	ug/L	50	41.6	83	59-141	
Chloroform	ug/L	50	47.5	95	80-124	
Chloromethane	ug/L	50	29.2	58	29-150	
cis-1,2-Dichloroethene	ug/L	50	47.4	95	70-130	
cis-1,3-Dichloropropene	ug/L	50	45.6	91	70-130	
Dibromochloromethane	ug/L	50	40.9	82	70-130	
Dichlorodifluoromethane	ug/L	50	12.5	25	10-147	
Ethylbenzene	ug/L	50	50.3	101	80-125	
Isopropylbenzene (Cumene)	ug/L	50	46.8	94	70-130	
m&p-Xylene	ug/L	100	99.8	100	70-130	
Methyl-tert-butyl ether	ug/L	50	37.3	75	64-131	
Methylene Chloride	ug/L	50	48.1	96	70-137	
o-Xylene	ug/L	50	50.2	100	70-130	
Styrene	ug/L	50	49.9	100	70-130	
Tetrachloroethene	ug/L	50	48.3	97	70-130	
Toluene	ug/L	50	48.6	97	80-120	
trans-1,2-Dichloroethene	ug/L	50	47.6	95	70-131	
trans-1,3-Dichloropropene	ug/L	50	40.7	81	70-130	
Trichloroethene	ug/L	50	48.2	96	70-130	
Trichlorofluoromethane	ug/L	50	44.4	89	69-141	
Vinyl chloride	ug/L	50	33.1	66	51-145	
Xylene (Total)	ug/L	150	150	100	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			101	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

QC Batch: 470331
QC Batch Method: EPA 3541
Analysis Method: EPA 8082A
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275991001

METHOD BLANK: 2694061 Matrix: Solid
Associated Lab Samples: 40275991001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	03/28/24 14:24	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	03/28/24 14:24	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	03/28/24 14:24	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	03/28/24 14:24	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	03/28/24 14:24	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	03/28/24 14:24	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	03/28/24 14:24	
Decachlorobiphenyl (S)	%	76	34-120	03/28/24 14:24	
Tetrachloro-m-xylene (S)	%	94	44-120	03/28/24 14:24	

LABORATORY CONTROL SAMPLE: 2694062

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	408	82	69-120	
Decachlorobiphenyl (S)	%			79	34-120	
Tetrachloro-m-xylene (S)	%			94	44-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2694063 2694064

Parameter	Units	40275991001 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/kg	<16.5			<16.4	<16.5					20	
PCB-1221 (Aroclor 1221)	ug/kg	<16.5			<16.4	<16.5					20	
PCB-1232 (Aroclor 1232)	ug/kg	<16.5			<16.4	<16.5					20	
PCB-1242 (Aroclor 1242)	ug/kg	<16.5			<16.4	<16.5					20	
PCB-1248 (Aroclor 1248)	ug/kg	<16.5			<16.4	<16.5					20	
PCB-1254 (Aroclor 1254)	ug/kg	<16.5			<16.4	<16.5					20	
PCB-1260 (Aroclor 1260)	ug/kg	26.4J	539	543	442	456	77	79	51-120	3	20	
Decachlorobiphenyl (S)	%						78	79	34-120			
Tetrachloro-m-xylene (S)	%						92	92	44-120			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

QC Batch: 470420
QC Batch Method: EPA 3510
Analysis Method: EPA 8082A
Analysis Description: 8082A GCS PCB Low Volume
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275991002

METHOD BLANK: 2694424 Matrix: Water
Associated Lab Samples: 40275991002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	<0.11	0.50	03/29/24 16:00	
PCB-1221 (Aroclor 1221)	ug/L	<0.11	0.50	03/29/24 16:00	
PCB-1232 (Aroclor 1232)	ug/L	<0.11	0.50	03/29/24 16:00	
PCB-1242 (Aroclor 1242)	ug/L	<0.11	0.50	03/29/24 16:00	
PCB-1248 (Aroclor 1248)	ug/L	<0.11	0.50	03/29/24 16:00	
PCB-1254 (Aroclor 1254)	ug/L	<0.11	0.50	03/29/24 16:00	
PCB-1260 (Aroclor 1260)	ug/L	<0.11	0.50	03/29/24 16:00	
Decachlorobiphenyl (S)	%	84	10-132	03/29/24 16:00	
Tetrachloro-m-xylene (S)	%	63	41-120	03/29/24 16:00	

LABORATORY CONTROL SAMPLE & LCSD: 2694425 2694426

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	4.6	92	92	70-120	0	20	
Decachlorobiphenyl (S)	%				92	90	10-132			
Tetrachloro-m-xylene (S)	%				72	72	41-120			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

QC Batch: 470307
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E/3546 MSSV PAH by SIM
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275991001

METHOD BLANK: 2693914 Matrix: Solid
Associated Lab Samples: 40275991001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	03/28/24 10:50	
2-Methylnaphthalene	ug/kg	<2.4	16.7	03/28/24 10:50	
Acenaphthene	ug/kg	<2.2	16.7	03/28/24 10:50	
Acenaphthylene	ug/kg	<2.1	16.7	03/28/24 10:50	
Anthracene	ug/kg	<2.1	16.7	03/28/24 10:50	
Benzo(a)anthracene	ug/kg	<2.2	16.7	03/28/24 10:50	
Benzo(a)pyrene	ug/kg	<1.9	16.7	03/28/24 10:50	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	03/28/24 10:50	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	03/28/24 10:50	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	03/28/24 10:50	
Chrysene	ug/kg	<3.1	16.7	03/28/24 10:50	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	03/28/24 10:50	
Fluoranthene	ug/kg	<2.0	16.7	03/28/24 10:50	
Fluorene	ug/kg	<2.0	16.7	03/28/24 10:50	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	03/28/24 10:50	
Naphthalene	ug/kg	<1.6	16.7	03/28/24 10:50	
Phenanthrene	ug/kg	<1.9	16.7	03/28/24 10:50	
Pyrene	ug/kg	<2.5	16.7	03/28/24 10:50	
2-Fluorobiphenyl (S)	%	78	39-120	03/28/24 10:50	
Terphenyl-d14 (S)	%	80	36-120	03/28/24 10:50	

LABORATORY CONTROL SAMPLE: 2693915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	237	71	62-120	
2-Methylnaphthalene	ug/kg	333	240	72	61-120	
Acenaphthene	ug/kg	333	260	78	66-120	
Acenaphthylene	ug/kg	333	261	78	63-120	
Anthracene	ug/kg	333	283	85	72-120	
Benzo(a)anthracene	ug/kg	333	289	87	64-120	
Benzo(a)pyrene	ug/kg	333	308	92	76-120	
Benzo(b)fluoranthene	ug/kg	333	320	96	62-120	
Benzo(g,h,i)perylene	ug/kg	333	346	104	73-120	
Benzo(k)fluoranthene	ug/kg	333	317	95	69-120	
Chrysene	ug/kg	333	277	83	70-120	
Dibenz(a,h)anthracene	ug/kg	333	326	98	72-120	
Fluoranthene	ug/kg	333	311	93	71-120	
Fluorene	ug/kg	333	277	83	68-120	
Indeno(1,2,3-cd)pyrene	ug/kg	333	326	98	72-120	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

LABORATORY CONTROL SAMPLE: 2693915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	333	236	71	60-120	
Phenanthrene	ug/kg	333	294	88	66-120	
Pyrene	ug/kg	333	267	80	65-120	
2-Fluorobiphenyl (S)	%			75	39-120	
Terphenyl-d14 (S)	%			83	36-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2693916 2693917

Parameter	Units	40275999010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<20.9	417	417	249	266	59	64	50-120	7	34	
2-Methylnaphthalene	ug/kg	<20.9	417	417	248	264	59	63	48-120	6	29	
Acenaphthene	ug/kg	<0.021 mg/kg	417	417	265	286	63	69	51-120	8	26	
Acenaphthylene	ug/kg	<0.021 mg/kg	417	417	263	286	63	69	49-120	8	22	
Anthracene	ug/kg	<0.021 mg/kg	417	417	271	293	65	70	52-120	8	25	
Benzo(a)anthracene	ug/kg	<0.021 mg/kg	417	417	262	283	63	68	47-120	8	37	
Benzo(a)pyrene	ug/kg	<0.021 mg/kg	417	417	275	300	66	72	53-120	9	33	
Benzo(b)fluoranthene	ug/kg	<0.021 mg/kg	417	417	278	310	67	74	43-120	11	43	
Benzo(g,h,i)perylene	ug/kg	<0.021 mg/kg	417	417	294	344	70	83	38-120	16	36	
Benzo(k)fluoranthene	ug/kg	<0.021 mg/kg	417	417	296	320	71	77	49-120	8	30	
Chrysene	ug/kg	<0.021 mg/kg	417	417	257	282	62	68	45-120	9	28	
Dibenz(a,h)anthracene	ug/kg	<0.021 mg/kg	417	417	276	311	66	75	41-120	12	33	
Fluoranthene	ug/kg	<0.021 mg/kg	417	417	266	315	64	76	50-120	17	43	
Fluorene	ug/kg	<0.021 mg/kg	417	417	271	295	65	71	47-120	8	27	
Indeno(1,2,3-cd)pyrene	ug/kg	<0.021 mg/kg	417	417	277	309	66	74	35-120	11	33	
Naphthalene	ug/kg	<0.021 mg/kg	417	417	252	274	60	65	42-120	9	26	
Phenanthrene	ug/kg	<0.021 mg/kg	417	417	274	297	65	71	45-120	8	24	
Pyrene	ug/kg	<0.021 mg/kg	417	417	260	267	62	64	42-120	3	41	
2-Fluorobiphenyl (S)	%						59	60	39-120			
Terphenyl-d14 (S)	%						61	62	36-120			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

QC Batch: 470224
QC Batch Method: EPA 3510
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E Water PAH
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275991002

METHOD BLANK: 2693694 Matrix: Water
Associated Lab Samples: 40275991002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	03/28/24 12:02	
2-Methylnaphthalene	ug/L	<0.014	0.050	03/28/24 12:02	
Acenaphthene	ug/L	<0.014	0.050	03/28/24 12:02	
Acenaphthylene	ug/L	<0.013	0.050	03/28/24 12:02	
Anthracene	ug/L	<0.018	0.050	03/28/24 12:02	
Benzo(a)anthracene	ug/L	<0.014	0.050	03/28/24 12:02	
Benzo(a)pyrene	ug/L	<0.013	0.050	03/28/24 12:02	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	03/28/24 12:02	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	03/28/24 12:02	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	03/28/24 12:02	
Chrysene	ug/L	<0.013	0.050	03/28/24 12:02	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	03/28/24 12:02	
Fluoranthene	ug/L	<0.026	0.050	03/28/24 12:02	
Fluorene	ug/L	<0.024	0.050	03/28/24 12:02	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	03/28/24 12:02	
Naphthalene	ug/L	<0.020	0.050	03/28/24 12:02	
Phenanthrene	ug/L	<0.026	0.050	03/28/24 12:02	
Pyrene	ug/L	<0.023	0.050	03/28/24 12:02	
2-Fluorobiphenyl (S)	%	56	38-120	03/28/24 12:02	
Terphenyl-d14 (S)	%	58	47-121	03/28/24 12:02	

LABORATORY CONTROL SAMPLE: 2693695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.3	64	57-120	
2-Methylnaphthalene	ug/L	2	1.2	62	55-120	
Acenaphthene	ug/L	2	1.4	68	60-120	
Acenaphthylene	ug/L	2	1.4	72	58-120	
Anthracene	ug/L	2	1.6	78	58-120	
Benzo(a)anthracene	ug/L	2	1.7	83	51-120	
Benzo(a)pyrene	ug/L	2	1.6	81	59-120	
Benzo(b)fluoranthene	ug/L	2	1.7	85	52-120	
Benzo(g,h,i)perylene	ug/L	2	1.7	83	62-120	
Benzo(k)fluoranthene	ug/L	2	1.6	80	59-120	
Chrysene	ug/L	2	1.6	80	55-125	
Dibenz(a,h)anthracene	ug/L	2	1.5	76	60-120	
Fluoranthene	ug/L	2	1.6	82	62-120	
Fluorene	ug/L	2	1.4	71	61-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.6	81	62-120	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

LABORATORY CONTROL SAMPLE: 2693695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.2	62	55-120	
Phenanthrene	ug/L	2	1.6	78	55-120	
Pyrene	ug/L	2	1.4	70	53-120	
2-Fluorobiphenyl (S)	%			62	38-120	
Terphenyl-d14 (S)	%			64	47-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2693701 2693702

Parameter	Units	40275976003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	<0.018	2	2	1.2	1.3	63	68	32-120	8	25	
2-Methylnaphthalene	ug/L	<0.014	2	2	1.2	1.3	62	66	37-120	7	22	
Acenaphthene	ug/L	<0.014	2	2	1.3	1.4	65	69	52-120	7	20	
Acenaphthylene	ug/L	<0.013	2	2	1.3	1.4	65	69	49-120	7	20	
Anthracene	ug/L	<0.019	2	2	1.4	1.4	70	73	45-120	5	25	
Benzo(a)anthracene	ug/L	<0.014	2	2	1.4	1.4	71	71	31-120	0	25	
Benzo(a)pyrene	ug/L	<0.013	2	2	1.4	1.4	69	70	38-120	1	24	
Benzo(b)fluoranthene	ug/L	<0.0093	2	2	1.5	1.5	75	75	36-120	0	24	
Benzo(g,h,i)perylene	ug/L	<0.024	2	2	1.5	1.5	74	76	43-120	4	23	
Benzo(k)fluoranthene	ug/L	<0.023	2	2	1.4	1.5	73	75	46-120	4	21	
Chrysene	ug/L	<0.013	2	2	1.4	1.5	73	75	39-143	3	23	
Dibenz(a,h)anthracene	ug/L	<0.018	2	2	1.4	1.4	71	72	32-125	3	22	
Fluoranthene	ug/L	<0.027	2	2	1.5	1.6	75	79	56-120	6	21	
Fluorene	ug/L	<0.024	2	2	1.3	1.4	66	70	45-120	6	20	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	2	2	1.3	1.3	66	67	42-120	3	23	
Naphthalene	ug/L	<0.020	2	2	1.3	1.4	64	69	50-120	8	23	
Phenanthrene	ug/L	<0.026	2	2	1.4	1.5	72	76	47-120	7	21	
Pyrene	ug/L	<0.023	2	2	1.3	1.4	65	68	47-120	5	23	
2-Fluorobiphenyl (S)	%						63	65	38-120			
Terphenyl-d14 (S)	%						61	59	47-121			

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: 1690023383 BECHER ST
Pace Project No.: 40275991

QC Batch: 470245
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275991001

SAMPLE DUPLICATE: 2693785

Parameter	Units	40275927001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.3	6.1	2	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 1690023383 BECHER ST
Pace Project No.: 40275991

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 - The reported result is an estimated value.

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.

DL - Adjusted Method Detection Limit.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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: 470440

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

ANALYTE QUALIFIERS

1q Sample was subsampled

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory 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: 1690023383 BECHER ST
Pace Project No.: 40275991

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40275991001	**B3 PIT SOIL**	EPA 3541	470331	EPA 8082A	470342
40275991002	**B3 PIT GW**	EPA 3510	470420	EPA 8082A	470440
40275991001	**B3 PIT SOIL**	EPA 3050B	470179	EPA 6010D	470367
40275991002	**B3 PIT GW**	EPA 3010A	470298	EPA 6020B	470350
40275991002	**B3 PIT GW**	EPA 7470	470435	EPA 7470	470485
40275991001	**B3 PIT SOIL**	EPA 7471	470503	EPA 7471	470547
40275991001	**B3 PIT SOIL**	EPA 3546	470307	EPA 8270E by SIM	470359
40275991002	**B3 PIT GW**	EPA 3510	470224	EPA 8270E by SIM	470276
40275991001	**B3 PIT SOIL**	EPA 5035/5030B	470352	EPA 8260	470360
40275991002	**B3 PIT GW**	EPA 8260	470322		
40275991001	**B3 PIT SOIL**	ASTM D2974-87	470245		

40275991

Pace

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https //info pacelabs com/hubfs/pas-standard-terms pdf

Page : 1 Of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company	Ramboll US Consulting, Inc	Report To	~~Duncan Glasford~~	Attention	Ric Maz
Address	234 W Florida Street	Copy To	rmazurkiewicz@ramboll.com	Company Name	~~We Energies~~ Ramboll
Fifth Floor, Milwaukee, WI 53204				Address.	
Email	~~dglasford@ramboll.com~~ Ric Maz	Purchase Order #		Pace Quote	
Phone	~~2629040130~~ Fax	Project Name	~~North Plant~~ Beaver St	Pace Project Manager	~~brian.basten@pacelabs.com~~ Steve Mleczko
Requested Due Date	RUSH - 3 Day TAT	Project #	~~4940100683~~ 1690023393	Pace Profile #:	

Regulatory Agency:

State / Location: WI

MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

SAMPLE ID — One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	START TIME	END DATE	END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	VOCs 8260	CVOC's 8260	PAH by 8270	SVOC 8270	Dissolved Metals 6020A	Methane by 8015B	Nitrate + Nitrite	Sulfate, Alkalinity	Trip Blank	RCRA Metals	PCBs		Residual Chlorine (Y/N)	
1	B3 Pit Soil	SL	G	3/26	3:00				4	3						1			X		X							X	X			001
2	B3 Pit GW	WT	G	3/26	3:00				6	2		1	3						X		X							X	X			Diss. 002
3																																
4																																
5																																
6																																
7																																
8																																
9																																
10																																
11																																
12																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
~~SVOCs (Cis-1,2-dichloroethene & Vinyl Chloride)~~	Steven Kikkert / Ramboll	3/26	5:00 pm							
~~PAHs *See Site Specific List*~~	CS Logistics	03/27/2024	09:20	Matt [illegible] / Pace	03/27/2024	09:20	0.5	Y	N	Y
~~SVOCs (B2EHPE & dibenzofuran)~~										
~~Metals, dissolved - As, Cr, Pb, Fe, Mn~~										
							TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Steven Kikkert

SIGNATURE of SAMPLER: [signature] DATE Signed: 03/26/24

Sample Preservation Receipt Form

Client Name: Ramboll US Consulting Inc Project # 40275991

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

Lab Lot# of pH paper: 10D0134 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	Vials: VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																				3														2.5 / 5
002	1										1						3	1								1						X		2.5 / 5
003																																		2.5 / 5
004																																		2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007																																		2.5 / 5
008																	MNS																	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

03/27/2024

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	250mL amber glass unpres
						GN 2	

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40275991

40275991

Client Name: Ramboll US Consulting, Inc.

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 - 131 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr. 1.0 /Corr 0.5

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

Person examining contents:
Date: 03/27/2024 /Initials: MNB

Labeled By Initials: SKW

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

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☑Yes ☐No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
Correct Type: (Pace Green Bay), Pace IR, (Non-Pace)		
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☑Yes ☐No ☑N/A	11. MNB 03/27/2024
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W&S	☑Yes ☐No ☐N/A	12.
Trip Blank Present.	☐Yes ☑No ☐N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): _____		

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

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

April 24, 2024

Richard Mazurkiewicz
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

Dear Richard Mazurkiewicz:

Enclosed are the analytical results for sample(s) received by the laboratory on April 18, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: Duncan Glasford, Ramboll US Consulting, Inc.
Kyle Heimstead, Ramboll US Consulting, Inc.

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

CERTIFICATIONS

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

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: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40276958001	**UST-1 (4)**	Solid	04/17/24 13:41	04/18/24 08:40
40276958002	**TB-01**	Solid	04/17/24 14:00	04/18/24 08:40

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

SAMPLE ANALYTE COUNT

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40276958001	**UST-1 (4)**	EPA 8082A	BLM	10
		EPA 6010D	SIS	7
		EPA 7471	RZA	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	ALD	65
		ASTM D2974-87	MYH	1
40276958002	**TB-01**	EPA 8260	ALD	65

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

Sample: UST-1 (4) **Lab ID: 40276958001** Collected: 04/17/24 13:41 Received: 04/18/24 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<18.3**	ug/kg	60.2	18.3	1	04/18/24 12:42	04/19/24 04:53	12674-11-2	
PCB-1221 (Aroclor 1221)	**<18.3**	ug/kg	60.2	18.3	1	04/18/24 12:42	04/19/24 04:53	11104-28-2	
PCB-1232 (Aroclor 1232)	**<18.3**	ug/kg	60.2	18.3	1	04/18/24 12:42	04/19/24 04:53	11141-16-5	
PCB-1242 (Aroclor 1242)	**26.1J**	ug/kg	60.2	18.3	1	04/18/24 12:42	04/19/24 04:53	53469-21-9	
PCB-1248 (Aroclor 1248)	**<18.3**	ug/kg	60.2	18.3	1	04/18/24 12:42	04/19/24 04:53	12672-29-6	
PCB-1254 (Aroclor 1254)	**45.6J**	ug/kg	60.2	18.3	1	04/18/24 12:42	04/19/24 04:53	11097-69-1	
PCB-1260 (Aroclor 1260)	**<18.3**	ug/kg	60.2	18.3	1	04/18/24 12:42	04/19/24 04:53	11096-82-5	
PCB, Total	**71.7**	ug/kg	60.2	18.3	1	04/18/24 12:42	04/19/24 04:53	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	90	%	44-120		1	04/18/24 12:42	04/19/24 04:53	877-09-8	
Decachlorobiphenyl (S)	85	%	34-120		1	04/18/24 12:42	04/19/24 04:53	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**8.3**	mg/kg	6.0	3.5	2	04/19/24 08:17	04/22/24 14:01	7440-38-2	M0,R1
Barium	**74.8**	mg/kg	1.2	0.36	2	04/19/24 08:17	04/22/24 14:01	7440-39-3	M0
Cadmium	**0.41J**	mg/kg	1.2	0.32	2	04/19/24 08:17	04/22/24 14:01	7440-43-9	D3
Chromium	**53.5**	mg/kg	2.4	0.67	2	04/19/24 08:17	04/22/24 14:01	7440-47-3	M0
Lead	**281**	mg/kg	24.0	7.2	10	04/19/24 08:17	04/22/24 13:48	7439-92-1	P6,R1
Selenium	**<3.1**	mg/kg	9.6	3.1	2	04/19/24 08:17	04/22/24 14:01	7782-49-2	D3
Silver	**<0.74**	mg/kg	2.4	0.74	2	04/19/24 08:17	04/22/24 14:01	7440-22-4	D3
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.080**	mg/kg	0.038	0.011	1	04/19/24 06:38	04/19/24 12:47	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**80.3J**	ug/kg	201	26.0	10	04/23/24 06:40	04/23/24 19:23	83-32-9	
Acenaphthylene	**32.4J**	ug/kg	201	25.3	10	04/23/24 06:40	04/23/24 19:23	208-96-8	
Anthracene	**242**	ug/kg	201	24.9	10	04/23/24 06:40	04/23/24 19:23	120-12-7	
Benzo(a)anthracene	**1340**	ug/kg	201	25.9	10	04/23/24 06:40	04/23/24 19:23	56-55-3	
Benzo(a)pyrene	**1890**	ug/kg	201	22.8	10	04/23/24 06:40	04/23/24 19:23	50-32-8	
Benzo(b)fluoranthene	**3490**	ug/kg	201	27.9	10	04/23/24 06:40	04/23/24 19:23	205-99-2	
Benzo(g,h,i)perylene	**1600**	ug/kg	201	35.2	10	04/23/24 06:40	04/23/24 19:23	191-24-2	
Benzo(k)fluoranthene	**1560**	ug/kg	201	25.7	10	04/23/24 06:40	04/23/24 19:23	207-08-9	
Chrysene	**1940**	ug/kg	201	37.9	10	04/23/24 06:40	04/23/24 19:23	218-01-9	
Dibenz(a,h)anthracene	**487**	ug/kg	201	27.8	10	04/23/24 06:40	04/23/24 19:23	53-70-3	
Fluoranthene	**1990**	ug/kg	201	23.8	10	04/23/24 06:40	04/23/24 19:23	206-44-0	
Fluorene	**76.5J**	ug/kg	201	24.1	10	04/23/24 06:40	04/23/24 19:23	86-73-7	
Indeno(1,2,3-cd)pyrene	**1420**	ug/kg	201	41.8	10	04/23/24 06:40	04/23/24 19:23	193-39-5	
1-Methylnaphthalene	**235**	ug/kg	201	29.3	10	04/23/24 06:40	04/23/24 19:23	90-12-0	
2-Methylnaphthalene	**306**	ug/kg	201	29.4	10	04/23/24 06:40	04/23/24 19:23	91-57-6	
Naphthalene	**302**	ug/kg	201	19.6	10	04/23/24 06:40	04/23/24 19:23	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

Sample: UST-1 (4) **Lab ID: 40276958001** Collected: 04/17/24 13:41 Received: 04/18/24 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**1200**	ug/kg	201	23.0	10	04/23/24 06:40	04/23/24 19:23	85-01-8	
Pyrene	**1600**	ug/kg	201	29.5	10	04/23/24 06:40	04/23/24 19:23	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	59	%	39-120		10	04/23/24 06:40	04/23/24 19:23	321-60-8	
Terphenyl-d14 (S)	67	%	36-120		10	04/23/24 06:40	04/23/24 19:23	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<20.4**	ug/kg	85.2	20.4	1	04/19/24 09:45	04/22/24 13:55	630-20-6	
1,1,1-Trichloroethane	**<21.8**	ug/kg	85.2	21.8	1	04/19/24 09:45	04/22/24 13:55	71-55-6	
1,1,2,2-Tetrachloroethane	**<30.8**	ug/kg	85.2	30.8	1	04/19/24 09:45	04/22/24 13:55	79-34-5	
1,1,2-Trichloroethane	**<31.0**	ug/kg	85.2	31.0	1	04/19/24 09:45	04/22/24 13:55	79-00-5	
1,1-Dichloroethane	**<21.8**	ug/kg	85.2	21.8	1	04/19/24 09:45	04/22/24 13:55	75-34-3	
1,1-Dichloroethene	**<28.3**	ug/kg	85.2	28.3	1	04/19/24 09:45	04/22/24 13:55	75-35-4	
1,1-Dichloropropene	**<27.6**	ug/kg	85.2	27.6	1	04/19/24 09:45	04/22/24 13:55	563-58-6	
1,2,3-Trichlorobenzene	**<94.9**	ug/kg	426	94.9	1	04/19/24 09:45	04/22/24 13:55	87-61-6	
1,2,3-Trichloropropane	**<41.4**	ug/kg	85.2	41.4	1	04/19/24 09:45	04/22/24 13:55	96-18-4	
1,2,4-Trichlorobenzene	**<70.2**	ug/kg	426	70.2	1	04/19/24 09:45	04/22/24 13:55	120-82-1	
1,2,4-Trimethylbenzene	**44.5J**	ug/kg	85.2	25.4	1	04/19/24 09:45	04/22/24 13:55	95-63-6	
1,2-Dibromo-3-chloropropane	**<66.1**	ug/kg	426	66.1	1	04/19/24 09:45	04/22/24 13:55	96-12-8	
1,2-Dibromoethane (EDB)	**<23.3**	ug/kg	85.2	23.3	1	04/19/24 09:45	04/22/24 13:55	106-93-4	
1,2-Dichlorobenzene	**<26.4**	ug/kg	85.2	26.4	1	04/19/24 09:45	04/22/24 13:55	95-50-1	
1,2-Dichloroethane	**<19.6**	ug/kg	85.2	19.6	1	04/19/24 09:45	04/22/24 13:55	107-06-2	
1,2-Dichloropropane	**<20.3**	ug/kg	85.2	20.3	1	04/19/24 09:45	04/22/24 13:55	78-87-5	
1,3,5-Trimethylbenzene	**<27.4**	ug/kg	85.2	27.4	1	04/19/24 09:45	04/22/24 13:55	108-67-8	
1,3-Dichlorobenzene	**<23.3**	ug/kg	85.2	23.3	1	04/19/24 09:45	04/22/24 13:55	541-73-1	
1,3-Dichloropropane	**<18.6**	ug/kg	85.2	18.6	1	04/19/24 09:45	04/22/24 13:55	142-28-9	
1,4-Dichlorobenzene	**<23.3**	ug/kg	85.2	23.3	1	04/19/24 09:45	04/22/24 13:55	106-46-7	
2,2-Dichloropropane	**<23.0**	ug/kg	85.2	23.0	1	04/19/24 09:45	04/22/24 13:55	594-20-7	
2-Chlorotoluene	**<27.6**	ug/kg	85.2	27.6	1	04/19/24 09:45	04/22/24 13:55	95-49-8	
4-Chlorotoluene	**<32.4**	ug/kg	85.2	32.4	1	04/19/24 09:45	04/22/24 13:55	106-43-4	
Benzene	**<20.3**	ug/kg	34.1	20.3	1	04/19/24 09:45	04/22/24 13:55	71-43-2	
Bromobenzene	**<33.2**	ug/kg	85.2	33.2	1	04/19/24 09:45	04/22/24 13:55	108-86-1	
Bromochloromethane	**<23.3**	ug/kg	85.2	23.3	1	04/19/24 09:45	04/22/24 13:55	74-97-5	
Bromodichloromethane	**<20.3**	ug/kg	85.2	20.3	1	04/19/24 09:45	04/22/24 13:55	75-27-4	
Bromoform	**<375**	ug/kg	426	375	1	04/19/24 09:45	04/22/24 13:55	75-25-2	
Bromomethane	**<119**	ug/kg	426	119	1	04/19/24 09:45	04/22/24 13:55	74-83-9	
Carbon tetrachloride	**<18.7**	ug/kg	85.2	18.7	1	04/19/24 09:45	04/22/24 13:55	56-23-5	
Chlorobenzene	**<10.2**	ug/kg	85.2	10.2	1	04/19/24 09:45	04/22/24 13:55	108-90-7	
Chloroethane	**<36.0**	ug/kg	426	36.0	1	04/19/24 09:45	04/22/24 13:55	75-00-3	
Chloroform	**<61.0**	ug/kg	426	61.0	1	04/19/24 09:45	04/22/24 13:55	67-66-3	
Chloromethane	**<32.4**	ug/kg	85.2	32.4	1	04/19/24 09:45	04/22/24 13:55	74-87-3	
Dibromochloromethane	**<291**	ug/kg	426	291	1	04/19/24 09:45	04/22/24 13:55	124-48-1	
Dibromomethane	**<25.2**	ug/kg	85.2	25.2	1	04/19/24 09:45	04/22/24 13:55	74-95-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

Sample: UST-1 (4) **Lab ID: 40276958001** Collected: 04/17/24 13:41 Received: 04/18/24 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<36.6**	ug/kg	85.2	36.6	1	04/19/24 09:45	04/22/24 13:55	75-71-8	
Diisopropyl ether	**<21.1**	ug/kg	85.2	21.1	1	04/19/24 09:45	04/22/24 13:55	108-20-3	
Ethylbenzene	**44.0J**	ug/kg	85.2	20.3	1	04/19/24 09:45	04/22/24 13:55	100-41-4	
Hexachloro-1,3-butadiene	**<169**	ug/kg	426	169	1	04/19/24 09:45	04/22/24 13:55	87-68-3	
Isopropylbenzene (Cumene)	**<23.0**	ug/kg	85.2	23.0	1	04/19/24 09:45	04/22/24 13:55	98-82-8	
Methyl-tert-butyl ether	**<25.1**	ug/kg	85.2	25.1	1	04/19/24 09:45	04/22/24 13:55	1634-04-4	
Methylene Chloride	**<23.7**	ug/kg	85.2	23.7	1	04/19/24 09:45	04/22/24 13:55	75-09-2	
Naphthalene	**102J**	ug/kg	426	35.8	1	04/19/24 09:45	04/22/24 13:55	91-20-3	
Styrene	**<21.8**	ug/kg	85.2	21.8	1	04/19/24 09:45	04/22/24 13:55	100-42-5	
Tetrachloroethene	**<33.1**	ug/kg	85.2	33.1	1	04/19/24 09:45	04/22/24 13:55	127-18-4	
Toluene	**81.9J**	ug/kg	85.2	21.5	1	04/19/24 09:45	04/22/24 13:55	108-88-3	
Trichloroethene	**<31.9**	ug/kg	85.2	31.9	1	04/19/24 09:45	04/22/24 13:55	79-01-6	
Trichlorofluoromethane	**<24.7**	ug/kg	85.2	24.7	1	04/19/24 09:45	04/22/24 13:55	75-69-4	
Vinyl chloride	**<17.2**	ug/kg	85.2	17.2	1	04/19/24 09:45	04/22/24 13:55	75-01-4	
Xylene (Total)	**355**	ug/kg	256	61.5	1	04/19/24 09:45	04/22/24 13:55	1330-20-7	
cis-1,2-Dichloroethene	**<18.2**	ug/kg	85.2	18.2	1	04/19/24 09:45	04/22/24 13:55	156-59-2	
cis-1,3-Dichloropropene	**<56.2**	ug/kg	426	56.2	1	04/19/24 09:45	04/22/24 13:55	10061-01-5	
m&p-Xylene	**237**	ug/kg	170	36.0	1	04/19/24 09:45	04/22/24 13:55	179601-23-1	
n-Butylbenzene	**<39.0**	ug/kg	85.2	39.0	1	04/19/24 09:45	04/22/24 13:55	104-51-8	
n-Propylbenzene	**<20.4**	ug/kg	85.2	20.4	1	04/19/24 09:45	04/22/24 13:55	103-65-1	
o-Xylene	**118**	ug/kg	85.2	25.6	1	04/19/24 09:45	04/22/24 13:55	95-47-6	
p-Isopropyltoluene	**<29.0**	ug/kg	85.2	29.0	1	04/19/24 09:45	04/22/24 13:55	99-87-6	
sec-Butylbenzene	**<29.2**	ug/kg	85.2	29.2	1	04/19/24 09:45	04/22/24 13:55	135-98-8	
tert-Butylbenzene	**<26.8**	ug/kg	85.2	26.8	1	04/19/24 09:45	04/22/24 13:55	98-06-6	
trans-1,2-Dichloroethene	**<18.6**	ug/kg	85.2	18.6	1	04/19/24 09:45	04/22/24 13:55	156-60-5	
trans-1,3-Dichloropropene	**<244**	ug/kg	426	244	1	04/19/24 09:45	04/22/24 13:55	10061-02-6	
Surrogates									
Toluene-d8 (S)	121	%	70-139		1	04/19/24 09:45	04/22/24 13:55	2037-26-5	
4-Bromofluorobenzene (S)	99	%	72-142		1	04/19/24 09:45	04/22/24 13:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	67-144		1	04/19/24 09:45	04/22/24 13:55	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**16.8**	%	0.10	0.10	1		04/18/24 13:40		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

Sample: TB-01 **Lab ID: 40276958002** Collected: 04/17/24 14:00 Received: 04/18/24 08:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<12.0**	ug/kg	50.0	12.0	1	04/19/24 09:45	04/19/24 13:48	630-20-6	
1,1,1-Trichloroethane	**<12.8**	ug/kg	50.0	12.8	1	04/19/24 09:45	04/19/24 13:48	71-55-6	
1,1,2,2-Tetrachloroethane	**<18.1**	ug/kg	50.0	18.1	1	04/19/24 09:45	04/19/24 13:48	79-34-5	
1,1,2-Trichloroethane	**<18.2**	ug/kg	50.0	18.2	1	04/19/24 09:45	04/19/24 13:48	79-00-5	
1,1-Dichloroethane	**<12.8**	ug/kg	50.0	12.8	1	04/19/24 09:45	04/19/24 13:48	75-34-3	
1,1-Dichloroethene	**<16.6**	ug/kg	50.0	16.6	1	04/19/24 09:45	04/19/24 13:48	75-35-4	
1,1-Dichloropropene	**<16.2**	ug/kg	50.0	16.2	1	04/19/24 09:45	04/19/24 13:48	563-58-6	
1,2,3-Trichlorobenzene	**<55.7**	ug/kg	250	55.7	1	04/19/24 09:45	04/19/24 13:48	87-61-6	
1,2,3-Trichloropropane	**<24.3**	ug/kg	50.0	24.3	1	04/19/24 09:45	04/19/24 13:48	96-18-4	
1,2,4-Trichlorobenzene	**<41.2**	ug/kg	250	41.2	1	04/19/24 09:45	04/19/24 13:48	120-82-1	
1,2,4-Trimethylbenzene	**<14.9**	ug/kg	50.0	14.9	1	04/19/24 09:45	04/19/24 13:48	95-63-6	
1,2-Dibromo-3-chloropropane	**<38.8**	ug/kg	250	38.8	1	04/19/24 09:45	04/19/24 13:48	96-12-8	
1,2-Dibromoethane (EDB)	**<13.7**	ug/kg	50.0	13.7	1	04/19/24 09:45	04/19/24 13:48	106-93-4	
1,2-Dichlorobenzene	**<15.5**	ug/kg	50.0	15.5	1	04/19/24 09:45	04/19/24 13:48	95-50-1	
1,2-Dichloroethane	**<11.5**	ug/kg	50.0	11.5	1	04/19/24 09:45	04/19/24 13:48	107-06-2	
1,2-Dichloropropane	**<11.9**	ug/kg	50.0	11.9	1	04/19/24 09:45	04/19/24 13:48	78-87-5	
1,3,5-Trimethylbenzene	**<16.1**	ug/kg	50.0	16.1	1	04/19/24 09:45	04/19/24 13:48	108-67-8	
1,3-Dichlorobenzene	**<13.7**	ug/kg	50.0	13.7	1	04/19/24 09:45	04/19/24 13:48	541-73-1	
1,3-Dichloropropane	**<10.9**	ug/kg	50.0	10.9	1	04/19/24 09:45	04/19/24 13:48	142-28-9	
1,4-Dichlorobenzene	**<13.7**	ug/kg	50.0	13.7	1	04/19/24 09:45	04/19/24 13:48	106-46-7	
2,2-Dichloropropane	**<13.5**	ug/kg	50.0	13.5	1	04/19/24 09:45	04/19/24 13:48	594-20-7	
2-Chlorotoluene	**<16.2**	ug/kg	50.0	16.2	1	04/19/24 09:45	04/19/24 13:48	95-49-8	
4-Chlorotoluene	**<19.0**	ug/kg	50.0	19.0	1	04/19/24 09:45	04/19/24 13:48	106-43-4	
Benzene	**<11.9**	ug/kg	20.0	11.9	1	04/19/24 09:45	04/19/24 13:48	71-43-2	
Bromobenzene	**<19.5**	ug/kg	50.0	19.5	1	04/19/24 09:45	04/19/24 13:48	108-86-1	
Bromochloromethane	**<13.7**	ug/kg	50.0	13.7	1	04/19/24 09:45	04/19/24 13:48	74-97-5	
Bromodichloromethane	**<11.9**	ug/kg	50.0	11.9	1	04/19/24 09:45	04/19/24 13:48	75-27-4	
Bromoform	**<220**	ug/kg	250	220	1	04/19/24 09:45	04/19/24 13:48	75-25-2	
Bromomethane	**<70.1**	ug/kg	250	70.1	1	04/19/24 09:45	04/19/24 13:48	74-83-9	
Carbon tetrachloride	**<11.0**	ug/kg	50.0	11.0	1	04/19/24 09:45	04/19/24 13:48	56-23-5	
Chlorobenzene	**<6.0**	ug/kg	50.0	6.0	1	04/19/24 09:45	04/19/24 13:48	108-90-7	
Chloroethane	**<21.1**	ug/kg	250	21.1	1	04/19/24 09:45	04/19/24 13:48	75-00-3	
Chloroform	**<35.8**	ug/kg	250	35.8	1	04/19/24 09:45	04/19/24 13:48	67-66-3	
Chloromethane	**<19.0**	ug/kg	50.0	19.0	1	04/19/24 09:45	04/19/24 13:48	74-87-3	
Dibromochloromethane	**<171**	ug/kg	250	171	1	04/19/24 09:45	04/19/24 13:48	124-48-1	
Dibromomethane	**<14.8**	ug/kg	50.0	14.8	1	04/19/24 09:45	04/19/24 13:48	74-95-3	
Dichlorodifluoromethane	**<21.5**	ug/kg	50.0	21.5	1	04/19/24 09:45	04/19/24 13:48	75-71-8	
Diisopropyl ether	**<12.4**	ug/kg	50.0	12.4	1	04/19/24 09:45	04/19/24 13:48	108-20-3	
Ethylbenzene	**<11.9**	ug/kg	50.0	11.9	1	04/19/24 09:45	04/19/24 13:48	100-41-4	
Hexachloro-1,3-butadiene	**<99.4**	ug/kg	250	99.4	1	04/19/24 09:45	04/19/24 13:48	87-68-3	
Isopropylbenzene (Cumene)	**<13.5**	ug/kg	50.0	13.5	1	04/19/24 09:45	04/19/24 13:48	98-82-8	
Methyl-tert-butyl ether	**<14.7**	ug/kg	50.0	14.7	1	04/19/24 09:45	04/19/24 13:48	1634-04-4	
Methylene Chloride	**<13.9**	ug/kg	50.0	13.9	1	04/19/24 09:45	04/19/24 13:48	75-09-2	
Naphthalene	**<21.0**	ug/kg	250	21.0	1	04/19/24 09:45	04/19/24 13:48	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

Sample: TB-01 **Lab ID: 40276958002** Collected: 04/17/24 14:00 Received: 04/18/24 08:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Styrene	**<12.8**	ug/kg	50.0	12.8	1	04/19/24 09:45	04/19/24 13:48	100-42-5	
Tetrachloroethene	**<19.4**	ug/kg	50.0	19.4	1	04/19/24 09:45	04/19/24 13:48	127-18-4	
Toluene	**<12.6**	ug/kg	50.0	12.6	1	04/19/24 09:45	04/19/24 13:48	108-88-3	
Trichloroethene	**<18.7**	ug/kg	50.0	18.7	1	04/19/24 09:45	04/19/24 13:48	79-01-6	
Trichlorofluoromethane	**<14.5**	ug/kg	50.0	14.5	1	04/19/24 09:45	04/19/24 13:48	75-69-4	
Vinyl chloride	**<10.1**	ug/kg	50.0	10.1	1	04/19/24 09:45	04/19/24 13:48	75-01-4	
Xylene (Total)	**<36.1**	ug/kg	150	36.1	1	04/19/24 09:45	04/19/24 13:48	1330-20-7	
cis-1,2-Dichloroethene	**<10.7**	ug/kg	50.0	10.7	1	04/19/24 09:45	04/19/24 13:48	156-59-2	
cis-1,3-Dichloropropene	**<33.0**	ug/kg	250	33.0	1	04/19/24 09:45	04/19/24 13:48	10061-01-5	
m&p-Xylene	**<21.1**	ug/kg	100	21.1	1	04/19/24 09:45	04/19/24 13:48	179601-23-1	
n-Butylbenzene	**<22.9**	ug/kg	50.0	22.9	1	04/19/24 09:45	04/19/24 13:48	104-51-8	
n-Propylbenzene	**<12.0**	ug/kg	50.0	12.0	1	04/19/24 09:45	04/19/24 13:48	103-65-1	
o-Xylene	**<15.0**	ug/kg	50.0	15.0	1	04/19/24 09:45	04/19/24 13:48	95-47-6	
p-Isopropyltoluene	**<17.0**	ug/kg	50.0	17.0	1	04/19/24 09:45	04/19/24 13:48	99-87-6	
sec-Butylbenzene	**<17.2**	ug/kg	50.0	17.2	1	04/19/24 09:45	04/19/24 13:48	135-98-8	
tert-Butylbenzene	**<15.7**	ug/kg	50.0	15.7	1	04/19/24 09:45	04/19/24 13:48	98-06-6	
trans-1,2-Dichloroethene	**<10.9**	ug/kg	50.0	10.9	1	04/19/24 09:45	04/19/24 13:48	156-60-5	
trans-1,3-Dichloropropene	**<143**	ug/kg	250	143	1	04/19/24 09:45	04/19/24 13:48	10061-02-6	
Surrogates									
Toluene-d8 (S)	96	%	70-139		1	04/19/24 09:45	04/19/24 13:48	2037-26-5	
4-Bromofluorobenzene (S)	98	%	72-142		1	04/19/24 09:45	04/19/24 13:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	67-144		1	04/19/24 09:45	04/19/24 13:48	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

QC Batch: 472049
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40276958001

METHOD BLANK: 2703338 Matrix: Solid
Associated Lab Samples: 40276958001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	04/19/24 11:42	

LABORATORY CONTROL SAMPLE: 2703339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.80	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2703340 2703341

Parameter	Units	40275320007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.14	0.86	0.86	0.91	0.89	90	87	85-115	3	20	

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QUALITY CONTROL DATA

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

QC Batch: 472121
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40276958001

METHOD BLANK: 2703881 Matrix: Solid
Associated Lab Samples: 40276958001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	04/22/24 13:44	
Barium	mg/kg	<0.15	0.50	04/22/24 13:44	
Cadmium	mg/kg	<0.13	0.50	04/22/24 13:44	
Chromium	mg/kg	<0.28	1.0	04/22/24 13:44	
Lead	mg/kg	<0.60	2.0	04/22/24 13:44	
Selenium	mg/kg	<1.3	4.0	04/22/24 13:44	
Silver	mg/kg	<0.31	1.0	04/22/24 13:44	

LABORATORY CONTROL SAMPLE: 2703882

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.6	99	80-120	
Barium	mg/kg	25	25.8	103	80-120	
Cadmium	mg/kg	25	26.1	105	80-120	
Chromium	mg/kg	25	25.5	102	80-120	
Lead	mg/kg	25	26.3	105	80-120	
Selenium	mg/kg	25	25.5	102	80-120	
Silver	mg/kg	12.5	13.0	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2703883 2703884

Parameter	Units	40276958001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	8.3	29.8	29.8	53.7	40.9	152	109	75-125	27	20	M0,R1
Barium	mg/kg	74.8	29.8	29.8	118	109	144	115	75-125	8	20	M0
Cadmium	mg/kg	0.41J	29.8	29.8	31.3	30.7	104	102	75-125	2	20	
Chromium	mg/kg	53.5	29.8	29.8	70.2	71.2	56	59	75-125	1	20	M0
Lead	mg/kg	281	29.8	29.8	336	223	185	-193	75-125	40	20	P6,R1
Selenium	mg/kg	<3.1	29.8	29.8	31.2	29.5	105	99	75-125	5	20	
Silver	mg/kg	<0.74	14.9	14.9	15.7	14.8	104	98	75-125	6	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

QC Batch: 472171
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40276958001, 40276958002

METHOD BLANK: 2704147 Matrix: Solid
Associated Lab Samples: 40276958001, 40276958002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	04/19/24 11:34	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	04/19/24 11:34	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	04/19/24 11:34	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	04/19/24 11:34	
1,1-Dichloroethane	ug/kg	<12.8	50.0	04/19/24 11:34	
1,1-Dichloroethene	ug/kg	<16.6	50.0	04/19/24 11:34	
1,1-Dichloropropene	ug/kg	<16.2	50.0	04/19/24 11:34	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	04/19/24 11:34	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	04/19/24 11:34	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	04/19/24 11:34	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	04/19/24 11:34	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	04/19/24 11:34	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	04/19/24 11:34	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	04/19/24 11:34	
1,2-Dichloroethane	ug/kg	<11.5	50.0	04/19/24 11:34	
1,2-Dichloropropane	ug/kg	<11.9	50.0	04/19/24 11:34	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	04/19/24 11:34	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	04/19/24 11:34	
1,3-Dichloropropane	ug/kg	<10.9	50.0	04/19/24 11:34	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	04/19/24 11:34	
2,2-Dichloropropane	ug/kg	<13.5	50.0	04/19/24 11:34	
2-Chlorotoluene	ug/kg	<16.2	50.0	04/19/24 11:34	
4-Chlorotoluene	ug/kg	<19.0	50.0	04/19/24 11:34	
Benzene	ug/kg	<11.9	20.0	04/19/24 11:34	
Bromobenzene	ug/kg	<19.5	50.0	04/19/24 11:34	
Bromochloromethane	ug/kg	<13.7	50.0	04/19/24 11:34	
Bromodichloromethane	ug/kg	<11.9	50.0	04/19/24 11:34	
Bromoform	ug/kg	<220	250	04/19/24 11:34	
Bromomethane	ug/kg	<70.1	250	04/19/24 11:34	
Carbon tetrachloride	ug/kg	<11.0	50.0	04/19/24 11:34	
Chlorobenzene	ug/kg	<6.0	50.0	04/19/24 11:34	
Chloroethane	ug/kg	<21.1	250	04/19/24 11:34	
Chloroform	ug/kg	<35.8	250	04/19/24 11:34	
Chloromethane	ug/kg	<19.0	50.0	04/19/24 11:34	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	04/19/24 11:34	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	04/19/24 11:34	
Dibromochloromethane	ug/kg	<171	250	04/19/24 11:34	
Dibromomethane	ug/kg	<14.8	50.0	04/19/24 11:34	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	04/19/24 11:34	
Diisopropyl ether	ug/kg	<12.4	50.0	04/19/24 11:34	

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QUALITY CONTROL DATA

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

METHOD BLANK: 2704147 Matrix: Solid
Associated Lab Samples: 40276958001, 40276958002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	04/19/24 11:34	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	04/19/24 11:34	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	04/19/24 11:34	
m&p-Xylene	ug/kg	<21.1	100	04/19/24 11:34	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	04/19/24 11:34	
Methylene Chloride	ug/kg	<13.9	50.0	04/19/24 11:34	
n-Butylbenzene	ug/kg	<22.9	50.0	04/19/24 11:34	
n-Propylbenzene	ug/kg	<12.0	50.0	04/19/24 11:34	
Naphthalene	ug/kg	<21.0	250	04/19/24 11:34	
o-Xylene	ug/kg	<15.0	50.0	04/19/24 11:34	
p-Isopropyltoluene	ug/kg	<17.0	50.0	04/19/24 11:34	
sec-Butylbenzene	ug/kg	20.3J	50.0	04/19/24 11:34	
Styrene	ug/kg	<12.8	50.0	04/19/24 11:34	
tert-Butylbenzene	ug/kg	<15.7	50.0	04/19/24 11:34	
Tetrachloroethene	ug/kg	<19.4	50.0	04/19/24 11:34	
Toluene	ug/kg	<12.6	50.0	04/19/24 11:34	
trans-1,2-Dichloroethene	ug/kg	<10.9	50.0	04/19/24 11:34	
trans-1,3-Dichloropropene	ug/kg	<143	250	04/19/24 11:34	
Trichloroethene	ug/kg	<18.7	50.0	04/19/24 11:34	
Trichlorofluoromethane	ug/kg	<14.5	50.0	04/19/24 11:34	
Vinyl chloride	ug/kg	<10.1	50.0	04/19/24 11:34	
Xylene (Total)	ug/kg	<36.1	150	04/19/24 11:34	
1,2-Dichlorobenzene-d4 (S)	%	105	67-144	04/19/24 11:34	
4-Bromofluorobenzene (S)	%	99	72-142	04/19/24 11:34	
Toluene-d8 (S)	%	95	70-139	04/19/24 11:34	

LABORATORY CONTROL SAMPLE: 2704148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2430	97	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2530	101	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2290	91	70-130	
1,1-Dichloroethane	ug/kg	2500	2460	99	70-130	
1,1-Dichloroethene	ug/kg	2500	2330	93	77-122	
1,2,4-Trichlorobenzene	ug/kg	2500	2470	99	66-125	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2120	85	66-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2540	102	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2580	103	70-130	
1,2-Dichloroethane	ug/kg	2500	2670	107	70-130	
1,2-Dichloropropane	ug/kg	2500	2570	103	80-121	
1,3-Dichlorobenzene	ug/kg	2500	2520	101	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2570	103	70-130	
Benzene	ug/kg	2500	2470	99	70-130	
Bromodichloromethane	ug/kg	2500	2460	98	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

LABORATORY CONTROL SAMPLE: 2704148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2200	88	67-130	
Bromomethane	ug/kg	2500	2530	101	25-150	
Carbon tetrachloride	ug/kg	2500	2550	102	72-136	
Chlorobenzene	ug/kg	2500	2590	104	70-130	
Chloroethane	ug/kg	2500	2550	102	20-178	
Chloroform	ug/kg	2500	2570	103	80-120	
Chloromethane	ug/kg	2500	2030	81	45-123	
cis-1,2-Dichloroethene	ug/kg	2500	2330	93	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2320	93	70-130	
Dibromochloromethane	ug/kg	2500	2400	96	70-130	
Dichlorodifluoromethane	ug/kg	2500	1180	47	14-106	
Ethylbenzene	ug/kg	2500	2520	101	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2290	92	70-130	
m&p-Xylene	ug/kg	5000	4960	99	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2180	87	70-130	
Methylene Chloride	ug/kg	2500	2520	101	70-130	
o-Xylene	ug/kg	2500	2490	99	70-130	
Styrene	ug/kg	2500	2590	103	70-130	
Tetrachloroethene	ug/kg	2500	2640	106	70-130	
Toluene	ug/kg	2500	2480	99	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2340	94	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2290	92	70-130	
Trichloroethene	ug/kg	2500	2560	102	70-130	
Trichlorofluoromethane	ug/kg	2500	2570	103	49-141	
Vinyl chloride	ug/kg	2500	1900	76	59-120	
Xylene (Total)	ug/kg	7500	7440	99	70-130	
1,2-Dichlorobenzene-d4 (S)	%			103	67-144	
4-Bromofluorobenzene (S)	%			99	72-142	
Toluene-d8 (S)	%			103	70-139	

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QUALITY CONTROL DATA

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

QC Batch: 472053
QC Batch Method: EPA 3541
Analysis Method: EPA 8082A
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40276958001

METHOD BLANK: 2703452 Matrix: Solid
Associated Lab Samples: 40276958001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	04/18/24 18:53	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	04/18/24 18:53	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	04/18/24 18:53	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	04/18/24 18:53	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	04/18/24 18:53	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	04/18/24 18:53	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	04/18/24 18:53	
Decachlorobiphenyl (S)	%	92	34-120	04/18/24 18:53	
Tetrachloro-m-xylene (S)	%	89	44-120	04/18/24 18:53	

LABORATORY CONTROL SAMPLE: 2703453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	411	82	69-120	
Decachlorobiphenyl (S)	%			81	34-120	
Tetrachloro-m-xylene (S)	%			78	44-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2703454 2703455

Parameter	Units	40276904004 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/kg	<20.1			<20.1	<20.1					20	
PCB-1221 (Aroclor 1221)	ug/kg	<20.1			<20.1	<20.1					20	
PCB-1232 (Aroclor 1232)	ug/kg	<20.1			<20.1	<20.1					20	
PCB-1242 (Aroclor 1242)	ug/kg	<20.1			<20.1	<20.1					20	
PCB-1248 (Aroclor 1248)	ug/kg	<20.1			<20.1	<20.1					20	
PCB-1254 (Aroclor 1254)	ug/kg	<20.1			<20.1	<20.1					20	
PCB-1260 (Aroclor 1260)	ug/kg	<20.1	661	660	616	549	93	83	51-120	12	20	
Decachlorobiphenyl (S)	%						90	83	34-120			
Tetrachloro-m-xylene (S)	%						93	83	44-120			

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QUALITY CONTROL DATA

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

QC Batch: 472374
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E/3546 MSSV PAH by SIM
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40276958001

METHOD BLANK: 2705494 Matrix: Solid
Associated Lab Samples: 40276958001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	04/23/24 08:47	
2-Methylnaphthalene	ug/kg	<2.4	16.7	04/23/24 08:47	
Acenaphthene	ug/kg	<2.2	16.7	04/23/24 08:47	
Acenaphthylene	ug/kg	<2.1	16.7	04/23/24 08:47	
Anthracene	ug/kg	<2.1	16.7	04/23/24 08:47	
Benzo(a)anthracene	ug/kg	<2.2	16.7	04/23/24 08:47	
Benzo(a)pyrene	ug/kg	<1.9	16.7	04/23/24 08:47	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	04/23/24 08:47	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	04/23/24 08:47	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	04/23/24 08:47	
Chrysene	ug/kg	<3.2	16.7	04/23/24 08:47	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	04/23/24 08:47	
Fluoranthene	ug/kg	<2.0	16.7	04/23/24 08:47	
Fluorene	ug/kg	<2.0	16.7	04/23/24 08:47	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	04/23/24 08:47	
Naphthalene	ug/kg	<1.6	16.7	04/23/24 08:47	
Phenanthrene	ug/kg	<1.9	16.7	04/23/24 08:47	
Pyrene	ug/kg	<2.5	16.7	04/23/24 08:47	
2-Fluorobiphenyl (S)	%	70	39-120	04/23/24 08:47	
Terphenyl-d14 (S)	%	93	36-120	04/23/24 08:47	

LABORATORY CONTROL SAMPLE: 2705495

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	258	78	62-120	
2-Methylnaphthalene	ug/kg	333	257	77	61-120	
Acenaphthene	ug/kg	333	280	84	66-120	
Acenaphthylene	ug/kg	333	273	82	63-120	
Anthracene	ug/kg	333	298	90	72-120	
Benzo(a)anthracene	ug/kg	333	266	80	64-120	
Benzo(a)pyrene	ug/kg	333	292	88	76-120	
Benzo(b)fluoranthene	ug/kg	333	279	84	62-120	
Benzo(g,h,i)perylene	ug/kg	333	318	95	73-120	
Benzo(k)fluoranthene	ug/kg	333	291	87	69-120	
Chrysene	ug/kg	333	285	86	70-120	
Dibenz(a,h)anthracene	ug/kg	333	295	89	72-120	
Fluoranthene	ug/kg	333	303	91	71-120	
Fluorene	ug/kg	333	286	86	68-120	
Indeno(1,2,3-cd)pyrene	ug/kg	333	306	92	72-120	

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QUALITY CONTROL DATA

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

LABORATORY CONTROL SAMPLE: 2705495

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	333	254	76	60-120	
Phenanthrene	ug/kg	333	291	87	66-120	
Pyrene	ug/kg	333	279	84	65-120	
2-Fluorobiphenyl (S)	%			82	39-120	
Terphenyl-d14 (S)	%			95	36-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2705496 2705497

Parameter	Units	40276771007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<3.0	405	405	255	228	63	56	50-120	11	34	
2-Methylnaphthalene	ug/kg	<3.0	405	405	250	225	62	55	48-120	11	29	
Acenaphthene	ug/kg	<2.6	405	405	272	269	67	66	51-120	1	26	
Acenaphthylene	ug/kg	<2.6	405	405	270	264	67	65	49-120	2	22	
Anthracene	ug/kg	<2.5	405	405	282	311	70	77	52-120	10	25	
Benzo(a)anthracene	ug/kg	<2.6	405	405	249	283	61	70	47-120	13	37	
Benzo(a)pyrene	ug/kg	<2.3	405	405	278	313	68	77	53-120	12	33	
Benzo(b)fluoranthene	ug/kg	<2.8	405	405	271	301	67	74	43-120	10	43	
Benzo(g,h,i)perylene	ug/kg	<3.6	405	405	291	324	72	80	38-120	11	36	
Benzo(k)fluoranthene	ug/kg	<2.6	405	405	277	320	68	79	49-120	14	30	
Chrysene	ug/kg	<3.8	405	405	262	298	65	73	45-120	13	28	
Dibenz(a,h)anthracene	ug/kg	<2.8	405	405	274	304	68	75	41-120	10	33	
Fluoranthene	ug/kg	<2.4	405	405	283	322	70	79	50-120	13	43	
Fluorene	ug/kg	<2.4	405	405	277	290	68	72	47-120	5	27	
Indeno(1,2,3-cd)pyrene	ug/kg	<4.2	405	405	270	318	67	78	35-120	16	33	
Naphthalene	ug/kg	<2.0	405	405	248	221	61	54	42-120	12	26	
Phenanthrene	ug/kg	<2.3	405	405	274	299	67	74	45-120	9	24	
Pyrene	ug/kg	<3.0	405	405	251	286	62	70	42-120	13	41	
2-Fluorobiphenyl (S)	%						62	59	39-120			
Terphenyl-d14 (S)	%						67	76	36-120			

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: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

QC Batch: 472063
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40276958001

SAMPLE DUPLICATE: 2703512

Parameter	Units	40276878003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.2	17.2	0	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

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 - The reported result is an estimated value.

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.

DL - Adjusted Method Detection Limit.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690023383_CONV BETA BECHER
Pace Project No.: 40276958

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40276958001	**UST-1 (4)**	EPA 3541	472053	EPA 8082A	472057
40276958001	**UST-1 (4)**	EPA 3050B	472121	EPA 6010D	472203
40276958001	**UST-1 (4)**	EPA 7471	472049	EPA 7471	472154
40276958001	**UST-1 (4)**	EPA 3546	472374	EPA 8270E by SIM	472432
40276958001	**UST-1 (4)**	EPA 5035/5030B	472171	EPA 8260	472175
40276958002	**TB-01**	EPA 5035/5030B	472171	EPA 8260	472175
40276958001	**UST-1 (4)**	ASTM D2974-87	472063		

[redacted]

rmazurkiewicz@ramboll.com

Pace

CHAIN-OF-CUSTODY / Analytical Request Document

40276958

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https //info pacelabs com/hubfs/pas-standard-terms pdf

Page : 1 Of 1

Section A Required Client Information:		Section B Required Project Information. MAZURKIEWICZ		Section C Invoice Information.	
Company	Ramboll	Report To	~~Plank, Erwan~~ RICHARD ^	Attention	RICHARD MAZURKIEWICZ
Address	234 W Florida St	Copy To		Company Name	RAMBOLL
	5th Floor, Milwaukee, WI 53204			Address	
Email	~~erwan plank@ramboll com~~	Purchase Order #		Pace Quote	
Phone	~~NONE~~ Fax.	Project Name	~~Manitowoc MGP~~ Beta Basher	Pace Project Manager	brian basten@pacelabs com,
Requested Due Date	4/22/2024	Project #	1690023383 - CONV	Pace Profile #:	3570 #3

Regulatory Agency	State / Location
WDNR	WI

Requested Analysis Filtered (Y/N)

MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

SAMPLE ID — One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	START TIME	END DATE	END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	Total Dissolved Solids (TDS)	TOC by 5310	Metals	PVOC	PAH SIM	Sulfate & Alkalinity	Nitrate + Nitrite	Trip Blank	VOCs	RCRA 8	PCBs		Residual Chlorine (Y/N)	
1	UST-1(4)	S	G			4/17	13:41		3	2						1							X				X	X	X			001
2	TB-01					4/17	14:00																				X					002
3																																
4																																
5																																
6																																
7																																
8																																
9																																
10																																
11																																
12																																

KPP KPP KPP

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
3-day turn	RAMBOLL	4/17	15:26							
level 2 data report	CS Logistics	04/18/24	0840	Susan L. [signature]	04/18/24	0840	1.0	Y	Y	Y
							TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: KATHERINE PHILLIPS

SIGNATURE of SAMPLER: [signature] DATE Signed: 4/17/2024

DC#_Title: ENV-FRM-GBAY-0035 v03_Sample Preservation Receipt Form
Effective Date: 8/16/2022

Client Name: Rambo 11

Sample Preservation Receipt Form Project # 40276958

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

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

Initial when completed: Date/ Time.

Pace Lab #	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	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																		1				2											2.5 / 5
002																		1															2.5 / 5
003																																	2.5 / 5
004																																	2.5 / 5
005																																	2.5 / 5
006																																	2.5 / 5
007																																	2.5 / 5
008																																	2.5 / 5
009																																	2.5 / 5
010																																	2.5 / 5
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014																																	2.5 / 5
015																																	2.5 / 5
016																																	2.5 / 5
017																																	2.5 / 5
018																																	2.5 / 5
019																													4/18/24				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)

Client Name: Ramboll

Project #:

WO# : 40276958

40276958

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 - 137 **Type of Ice:** Wet Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 1.0 /Corr: 1.0

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

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

Person examining contents: Date: 04/18/24 /Initials: SCW

Labeled By Initials: CA

Chain of Custody Present:	☒Yes ☐No ☐N/A	1. + CC 04/18/24 SCW
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD: ☐Yes ☒No ☐N/A		8.
Correct Containers Used:	☒Yes ☐No	9.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S		
Trip Blank Present:	☒Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): B317101VB		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

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

April 25, 2024

Richard Mazurkiewicz
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: BETA TANK BASIN
Pace Project No.: 40277001

Dear Richard Mazurkiewicz:

Enclosed are the analytical results for sample(s) received by the laboratory on April 18, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: Duncan Glasford, Ramboll US Consulting, Inc.
Kyle Heimstead, Ramboll US Consulting, Inc.
Maggie Sheckler, Ramboll

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

CERTIFICATIONS

Project: BETA TANK BASIN
Pace Project No.: 40277001

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: BETA TANK BASIN
Pace Project No.: 40277001

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40277001001	**SW01**	Solid	04/17/24 13:11	04/18/24 08:40
40277001002	**SW02**	Solid	04/17/24 13:20	04/18/24 08:40
40277001003	**SW03**	Solid	04/17/24 13:18	04/18/24 08:40
40277001004	**TB-02**	Solid	04/17/24 00:00	04/18/24 08:40

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: BETA TANK BASIN
Pace Project No.: 40277001

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40277001001	**SW01**	EPA 8260	ALD	65
		ASTM D2974-87	MYH	1
40277001002	**SW02**	EPA 8260	ALD	65
		ASTM D2974-87	MYH	1
40277001003	**SW03**	EPA 8260	ALD	65
		ASTM D2974-87	MYH	1
40277001004	**TB-02**	EPA 8260	ALD	65

PASI-G = Pace Analytical Services - Green Bay

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

SUMMARY OF DETECTION

Project: BETA TANK BASIN
Pace Project No.: 40277001

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40277001001	**SW01**					
EPA 8260	Toluene	23.5J	ug/kg	81.7	04/19/24 18:00	
EPA 8260	m&p-Xylene	36.5J	ug/kg	163	04/19/24 18:00	
ASTM D2974-87	Percent Moisture	24.1	%	0.10	04/22/24 14:41	
40277001002	**SW02**					
EPA 8260	1,2,4-Trimethylbenzene	29.4J	ug/kg	74.3	04/19/24 18:19	
EPA 8260	Ethylbenzene	30.5J	ug/kg	74.3	04/19/24 18:19	
EPA 8260	Naphthalene	86.3J	ug/kg	372	04/19/24 18:19	
EPA 8260	Toluene	71.1J	ug/kg	74.3	04/19/24 18:19	
EPA 8260	Xylene (Total)	281	ug/kg	223	04/19/24 18:19	
EPA 8260	m&p-Xylene	179	ug/kg	149	04/19/24 18:19	
EPA 8260	o-Xylene	102	ug/kg	74.3	04/19/24 18:19	
ASTM D2974-87	Percent Moisture	14.6	%	0.10	04/22/24 14:41	
40277001003	**SW03**					
EPA 8260	Ethylbenzene	30.9J	ug/kg	76.2	04/19/24 18:39	
EPA 8260	Toluene	26.6J	ug/kg	76.2	04/19/24 18:39	
EPA 8260	Xylene (Total)	182J	ug/kg	229	04/19/24 18:39	
EPA 8260	m&p-Xylene	111J	ug/kg	152	04/19/24 18:39	
EPA 8260	o-Xylene	71.1J	ug/kg	76.2	04/19/24 18:39	
ASTM D2974-87	Percent Moisture	20.7	%	0.10	04/22/24 14:41	

Pace Analytical Services, LLC
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(920)469-2436

ANALYTICAL RESULTS

Project: BETA TANK BASIN
Pace Project No.: 40277001

Sample: SW01 **Lab ID: 40277001001** Collected: 04/17/24 13:11 Received: 04/18/24 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<19.6**	ug/kg	81.7	19.6	1	04/19/24 10:00	04/19/24 18:00	630-20-6	
1,1,1-Trichloroethane	**<20.9**	ug/kg	81.7	20.9	1	04/19/24 10:00	04/19/24 18:00	71-55-6	
1,1,2,2-Tetrachloroethane	**<29.6**	ug/kg	81.7	29.6	1	04/19/24 10:00	04/19/24 18:00	79-34-5	
1,1,2-Trichloroethane	**<29.7**	ug/kg	81.7	29.7	1	04/19/24 10:00	04/19/24 18:00	79-00-5	
1,1-Dichloroethane	**<20.9**	ug/kg	81.7	20.9	1	04/19/24 10:00	04/19/24 18:00	75-34-3	
1,1-Dichloroethene	**<27.1**	ug/kg	81.7	27.1	1	04/19/24 10:00	04/19/24 18:00	75-35-4	
1,1-Dichloropropene	**<26.5**	ug/kg	81.7	26.5	1	04/19/24 10:00	04/19/24 18:00	563-58-6	
1,2,3-Trichlorobenzene	**<91.0**	ug/kg	408	91.0	1	04/19/24 10:00	04/19/24 18:00	87-61-6	
1,2,3-Trichloropropane	**<39.7**	ug/kg	81.7	39.7	1	04/19/24 10:00	04/19/24 18:00	96-18-4	
1,2,4-Trichlorobenzene	**<67.3**	ug/kg	408	67.3	1	04/19/24 10:00	04/19/24 18:00	120-82-1	
1,2,4-Trimethylbenzene	**<24.3**	ug/kg	81.7	24.3	1	04/19/24 10:00	04/19/24 18:00	95-63-6	
1,2-Dibromo-3-chloropropane	**<63.4**	ug/kg	408	63.4	1	04/19/24 10:00	04/19/24 18:00	96-12-8	
1,2-Dibromoethane (EDB)	**<22.4**	ug/kg	81.7	22.4	1	04/19/24 10:00	04/19/24 18:00	106-93-4	
1,2-Dichlorobenzene	**<25.3**	ug/kg	81.7	25.3	1	04/19/24 10:00	04/19/24 18:00	95-50-1	
1,2-Dichloroethane	**<18.8**	ug/kg	81.7	18.8	1	04/19/24 10:00	04/19/24 18:00	107-06-2	
1,2-Dichloropropane	**<19.4**	ug/kg	81.7	19.4	1	04/19/24 10:00	04/19/24 18:00	78-87-5	
1,3,5-Trimethylbenzene	**<26.3**	ug/kg	81.7	26.3	1	04/19/24 10:00	04/19/24 18:00	108-67-8	
1,3-Dichlorobenzene	**<22.4**	ug/kg	81.7	22.4	1	04/19/24 10:00	04/19/24 18:00	541-73-1	
1,3-Dichloropropane	**<17.8**	ug/kg	81.7	17.8	1	04/19/24 10:00	04/19/24 18:00	142-28-9	
1,4-Dichlorobenzene	**<22.4**	ug/kg	81.7	22.4	1	04/19/24 10:00	04/19/24 18:00	106-46-7	
2,2-Dichloropropane	**<22.1**	ug/kg	81.7	22.1	1	04/19/24 10:00	04/19/24 18:00	594-20-7	
2-Chlorotoluene	**<26.5**	ug/kg	81.7	26.5	1	04/19/24 10:00	04/19/24 18:00	95-49-8	
4-Chlorotoluene	**<31.0**	ug/kg	81.7	31.0	1	04/19/24 10:00	04/19/24 18:00	106-43-4	
Benzene	**<19.4**	ug/kg	32.7	19.4	1	04/19/24 10:00	04/19/24 18:00	71-43-2	
Bromobenzene	**<31.9**	ug/kg	81.7	31.9	1	04/19/24 10:00	04/19/24 18:00	108-86-1	
Bromochloromethane	**<22.4**	ug/kg	81.7	22.4	1	04/19/24 10:00	04/19/24 18:00	74-97-5	
Bromodichloromethane	**<19.4**	ug/kg	81.7	19.4	1	04/19/24 10:00	04/19/24 18:00	75-27-4	
Bromoform	**<359**	ug/kg	408	359	1	04/19/24 10:00	04/19/24 18:00	75-25-2	
Bromomethane	**<115**	ug/kg	408	115	1	04/19/24 10:00	04/19/24 18:00	74-83-9	
Carbon tetrachloride	**<18.0**	ug/kg	81.7	18.0	1	04/19/24 10:00	04/19/24 18:00	56-23-5	
Chlorobenzene	**<9.8**	ug/kg	81.7	9.8	1	04/19/24 10:00	04/19/24 18:00	108-90-7	
Chloroethane	**<34.5**	ug/kg	408	34.5	1	04/19/24 10:00	04/19/24 18:00	75-00-3	
Chloroform	**<58.5**	ug/kg	408	58.5	1	04/19/24 10:00	04/19/24 18:00	67-66-3	
Chloromethane	**<31.0**	ug/kg	81.7	31.0	1	04/19/24 10:00	04/19/24 18:00	74-87-3	
Dibromochloromethane	**<279**	ug/kg	408	279	1	04/19/24 10:00	04/19/24 18:00	124-48-1	
Dibromomethane	**<24.2**	ug/kg	81.7	24.2	1	04/19/24 10:00	04/19/24 18:00	74-95-3	
Dichlorodifluoromethane	**<35.1**	ug/kg	81.7	35.1	1	04/19/24 10:00	04/19/24 18:00	75-71-8	
Diisopropyl ether	**<20.3**	ug/kg	81.7	20.3	1	04/19/24 10:00	04/19/24 18:00	108-20-3	
Ethylbenzene	**<19.4**	ug/kg	81.7	19.4	1	04/19/24 10:00	04/19/24 18:00	100-41-4	
Hexachloro-1,3-butadiene	**<162**	ug/kg	408	162	1	04/19/24 10:00	04/19/24 18:00	87-68-3	
Isopropylbenzene (Cumene)	**<22.1**	ug/kg	81.7	22.1	1	04/19/24 10:00	04/19/24 18:00	98-82-8	
Methyl-tert-butyl ether	**<24.0**	ug/kg	81.7	24.0	1	04/19/24 10:00	04/19/24 18:00	1634-04-4	
Methylene Chloride	**<22.7**	ug/kg	81.7	22.7	1	04/19/24 10:00	04/19/24 18:00	75-09-2	
Naphthalene	**<34.4**	ug/kg	408	34.4	1	04/19/24 10:00	04/19/24 18:00	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BETA TANK BASIN
Pace Project No.: 40277001

Sample: SW01 **Lab ID: 40277001001** Collected: 04/17/24 13:11 Received: 04/18/24 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Styrene	**<20.9**	ug/kg	81.7	20.9	1	04/19/24 10:00	04/19/24 18:00	100-42-5	
Tetrachloroethene	**<31.7**	ug/kg	81.7	31.7	1	04/19/24 10:00	04/19/24 18:00	127-18-4	
Toluene	**23.5J**	ug/kg	81.7	20.6	1	04/19/24 10:00	04/19/24 18:00	108-88-3	
Trichloroethene	**<30.6**	ug/kg	81.7	30.6	1	04/19/24 10:00	04/19/24 18:00	79-01-6	
Trichlorofluoromethane	**<23.7**	ug/kg	81.7	23.7	1	04/19/24 10:00	04/19/24 18:00	75-69-4	
Vinyl chloride	**<16.5**	ug/kg	81.7	16.5	1	04/19/24 10:00	04/19/24 18:00	75-01-4	
Xylene (Total)	**<59.0**	ug/kg	245	59.0	1	04/19/24 10:00	04/19/24 18:00	1330-20-7	
cis-1,2-Dichloroethene	**<17.5**	ug/kg	81.7	17.5	1	04/19/24 10:00	04/19/24 18:00	156-59-2	
cis-1,3-Dichloropropene	**<53.9**	ug/kg	408	53.9	1	04/19/24 10:00	04/19/24 18:00	10061-01-5	
m&p-Xylene	**36.5J**	ug/kg	163	34.5	1	04/19/24 10:00	04/19/24 18:00	179601-23-1	
n-Butylbenzene	**<37.4**	ug/kg	81.7	37.4	1	04/19/24 10:00	04/19/24 18:00	104-51-8	
n-Propylbenzene	**<19.6**	ug/kg	81.7	19.6	1	04/19/24 10:00	04/19/24 18:00	103-65-1	
o-Xylene	**<24.5**	ug/kg	81.7	24.5	1	04/19/24 10:00	04/19/24 18:00	95-47-6	
p-Isopropyltoluene	**<27.8**	ug/kg	81.7	27.8	1	04/19/24 10:00	04/19/24 18:00	99-87-6	
sec-Butylbenzene	**<28.0**	ug/kg	81.7	28.0	1	04/19/24 10:00	04/19/24 18:00	135-98-8	
tert-Butylbenzene	**<25.7**	ug/kg	81.7	25.7	1	04/19/24 10:00	04/19/24 18:00	98-06-6	
trans-1,2-Dichloroethene	**<17.9**	ug/kg	81.7	17.9	1	04/19/24 10:00	04/19/24 18:00	156-60-5	
trans-1,3-Dichloropropene	**<234**	ug/kg	408	234	1	04/19/24 10:00	04/19/24 18:00	10061-02-6	
Surrogates									
Toluene-d8 (S)	140	%	70-139		1	04/19/24 10:00	04/19/24 18:00	2037-26-5	S3
4-Bromofluorobenzene (S)	130	%	72-142		1	04/19/24 10:00	04/19/24 18:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	130	%	67-144		1	04/19/24 10:00	04/19/24 18:00	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**24.1**	%	0.10	0.10	1		04/22/24 14:41		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BETA TANK BASIN
Pace Project No.: 40277001

Sample: SW02 **Lab ID: 40277001002** Collected: 04/17/24 13:20 Received: 04/18/24 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<17.8**	ug/kg	74.3	17.8	1	04/19/24 10:00	04/19/24 18:19	630-20-6	
1,1,1-Trichloroethane	**<19.0**	ug/kg	74.3	19.0	1	04/19/24 10:00	04/19/24 18:19	71-55-6	
1,1,2,2-Tetrachloroethane	**<26.9**	ug/kg	74.3	26.9	1	04/19/24 10:00	04/19/24 18:19	79-34-5	
1,1,2-Trichloroethane	**<27.1**	ug/kg	74.3	27.1	1	04/19/24 10:00	04/19/24 18:19	79-00-5	
1,1-Dichloroethane	**<19.0**	ug/kg	74.3	19.0	1	04/19/24 10:00	04/19/24 18:19	75-34-3	
1,1-Dichloroethene	**<24.7**	ug/kg	74.3	24.7	1	04/19/24 10:00	04/19/24 18:19	75-35-4	
1,1-Dichloropropene	**<24.1**	ug/kg	74.3	24.1	1	04/19/24 10:00	04/19/24 18:19	563-58-6	
1,2,3-Trichlorobenzene	**<82.8**	ug/kg	372	82.8	1	04/19/24 10:00	04/19/24 18:19	87-61-6	
1,2,3-Trichloropropane	**<36.1**	ug/kg	74.3	36.1	1	04/19/24 10:00	04/19/24 18:19	96-18-4	
1,2,4-Trichlorobenzene	**<61.3**	ug/kg	372	61.3	1	04/19/24 10:00	04/19/24 18:19	120-82-1	
1,2,4-Trimethylbenzene	**29.4J**	ug/kg	74.3	22.2	1	04/19/24 10:00	04/19/24 18:19	95-63-6	
1,2-Dibromo-3-chloropropane	**<57.7**	ug/kg	372	57.7	1	04/19/24 10:00	04/19/24 18:19	96-12-8	
1,2-Dibromoethane (EDB)	**<20.4**	ug/kg	74.3	20.4	1	04/19/24 10:00	04/19/24 18:19	106-93-4	
1,2-Dichlorobenzene	**<23.0**	ug/kg	74.3	23.0	1	04/19/24 10:00	04/19/24 18:19	95-50-1	
1,2-Dichloroethane	**<17.1**	ug/kg	74.3	17.1	1	04/19/24 10:00	04/19/24 18:19	107-06-2	
1,2-Dichloropropane	**<17.7**	ug/kg	74.3	17.7	1	04/19/24 10:00	04/19/24 18:19	78-87-5	
1,3,5-Trimethylbenzene	**<23.9**	ug/kg	74.3	23.9	1	04/19/24 10:00	04/19/24 18:19	108-67-8	
1,3-Dichlorobenzene	**<20.4**	ug/kg	74.3	20.4	1	04/19/24 10:00	04/19/24 18:19	541-73-1	
1,3-Dichloropropane	**<16.2**	ug/kg	74.3	16.2	1	04/19/24 10:00	04/19/24 18:19	142-28-9	
1,4-Dichlorobenzene	**<20.4**	ug/kg	74.3	20.4	1	04/19/24 10:00	04/19/24 18:19	106-46-7	
2,2-Dichloropropane	**<20.1**	ug/kg	74.3	20.1	1	04/19/24 10:00	04/19/24 18:19	594-20-7	
2-Chlorotoluene	**<24.1**	ug/kg	74.3	24.1	1	04/19/24 10:00	04/19/24 18:19	95-49-8	
4-Chlorotoluene	**<28.2**	ug/kg	74.3	28.2	1	04/19/24 10:00	04/19/24 18:19	106-43-4	
Benzene	**<17.7**	ug/kg	29.7	17.7	1	04/19/24 10:00	04/19/24 18:19	71-43-2	
Bromobenzene	**<29.0**	ug/kg	74.3	29.0	1	04/19/24 10:00	04/19/24 18:19	108-86-1	
Bromochloromethane	**<20.4**	ug/kg	74.3	20.4	1	04/19/24 10:00	04/19/24 18:19	74-97-5	
Bromodichloromethane	**<17.7**	ug/kg	74.3	17.7	1	04/19/24 10:00	04/19/24 18:19	75-27-4	
Bromoform	**<327**	ug/kg	372	327	1	04/19/24 10:00	04/19/24 18:19	75-25-2	
Bromomethane	**<104**	ug/kg	372	104	1	04/19/24 10:00	04/19/24 18:19	74-83-9	
Carbon tetrachloride	**<16.4**	ug/kg	74.3	16.4	1	04/19/24 10:00	04/19/24 18:19	56-23-5	
Chlorobenzene	**<8.9**	ug/kg	74.3	8.9	1	04/19/24 10:00	04/19/24 18:19	108-90-7	
Chloroethane	**<31.4**	ug/kg	372	31.4	1	04/19/24 10:00	04/19/24 18:19	75-00-3	
Chloroform	**<53.2**	ug/kg	372	53.2	1	04/19/24 10:00	04/19/24 18:19	67-66-3	
Chloromethane	**<28.2**	ug/kg	74.3	28.2	1	04/19/24 10:00	04/19/24 18:19	74-87-3	
Dibromochloromethane	**<254**	ug/kg	372	254	1	04/19/24 10:00	04/19/24 18:19	124-48-1	
Dibromomethane	**<22.0**	ug/kg	74.3	22.0	1	04/19/24 10:00	04/19/24 18:19	74-95-3	
Dichlorodifluoromethane	**<32.0**	ug/kg	74.3	32.0	1	04/19/24 10:00	04/19/24 18:19	75-71-8	
Diisopropyl ether	**<18.4**	ug/kg	74.3	18.4	1	04/19/24 10:00	04/19/24 18:19	108-20-3	
Ethylbenzene	**30.5J**	ug/kg	74.3	17.7	1	04/19/24 10:00	04/19/24 18:19	100-41-4	
Hexachloro-1,3-butadiene	**<148**	ug/kg	372	148	1	04/19/24 10:00	04/19/24 18:19	87-68-3	
Isopropylbenzene (Cumene)	**<20.1**	ug/kg	74.3	20.1	1	04/19/24 10:00	04/19/24 18:19	98-82-8	
Methyl-tert-butyl ether	**<21.9**	ug/kg	74.3	21.9	1	04/19/24 10:00	04/19/24 18:19	1634-04-4	
Methylene Chloride	**<20.7**	ug/kg	74.3	20.7	1	04/19/24 10:00	04/19/24 18:19	75-09-2	
Naphthalene	**86.3J**	ug/kg	372	31.3	1	04/19/24 10:00	04/19/24 18:19	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BETA TANK BASIN
Pace Project No.: 40277001

Sample: SW02 **Lab ID: 40277001002** Collected: 04/17/24 13:20 Received: 04/18/24 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Styrene	**<19.0**	ug/kg	74.3	19.0	1	04/19/24 10:00	04/19/24 18:19	100-42-5	
Tetrachloroethene	**<28.8**	ug/kg	74.3	28.8	1	04/19/24 10:00	04/19/24 18:19	127-18-4	
Toluene	**71.1J**	ug/kg	74.3	18.7	1	04/19/24 10:00	04/19/24 18:19	108-88-3	
Trichloroethene	**<27.8**	ug/kg	74.3	27.8	1	04/19/24 10:00	04/19/24 18:19	79-01-6	
Trichlorofluoromethane	**<21.6**	ug/kg	74.3	21.6	1	04/19/24 10:00	04/19/24 18:19	75-69-4	
Vinyl chloride	**<15.0**	ug/kg	74.3	15.0	1	04/19/24 10:00	04/19/24 18:19	75-01-4	
Xylene (Total)	**281**	ug/kg	223	53.7	1	04/19/24 10:00	04/19/24 18:19	1330-20-7	
cis-1,2-Dichloroethene	**<15.9**	ug/kg	74.3	15.9	1	04/19/24 10:00	04/19/24 18:19	156-59-2	
cis-1,3-Dichloropropene	**<49.1**	ug/kg	372	49.1	1	04/19/24 10:00	04/19/24 18:19	10061-01-5	
m&p-Xylene	**179**	ug/kg	149	31.4	1	04/19/24 10:00	04/19/24 18:19	179601-23-1	
n-Butylbenzene	**<34.0**	ug/kg	74.3	34.0	1	04/19/24 10:00	04/19/24 18:19	104-51-8	
n-Propylbenzene	**<17.8**	ug/kg	74.3	17.8	1	04/19/24 10:00	04/19/24 18:19	103-65-1	
o-Xylene	**102**	ug/kg	74.3	22.3	1	04/19/24 10:00	04/19/24 18:19	95-47-6	
p-Isopropyltoluene	**<25.3**	ug/kg	74.3	25.3	1	04/19/24 10:00	04/19/24 18:19	99-87-6	
sec-Butylbenzene	**<25.5**	ug/kg	74.3	25.5	1	04/19/24 10:00	04/19/24 18:19	135-98-8	
tert-Butylbenzene	**<23.3**	ug/kg	74.3	23.3	1	04/19/24 10:00	04/19/24 18:19	98-06-6	
trans-1,2-Dichloroethene	**<16.3**	ug/kg	74.3	16.3	1	04/19/24 10:00	04/19/24 18:19	156-60-5	
trans-1,3-Dichloropropene	**<213**	ug/kg	372	213	1	04/19/24 10:00	04/19/24 18:19	10061-02-6	
Surrogates									
Toluene-d8 (S)	126	%	70-139		1	04/19/24 10:00	04/19/24 18:19	2037-26-5	
4-Bromofluorobenzene (S)	114	%	72-142		1	04/19/24 10:00	04/19/24 18:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	117	%	67-144		1	04/19/24 10:00	04/19/24 18:19	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**14.6**	%	0.10	0.10	1		04/22/24 14:41		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BETA TANK BASIN
Pace Project No.: 40277001

Sample: SW03 **Lab ID: 40277001003** Collected: 04/17/24 13:18 Received: 04/18/24 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<18.3**	ug/kg	76.2	18.3	1	04/19/24 10:00	04/19/24 18:39	630-20-6	
1,1,1-Trichloroethane	**<19.5**	ug/kg	76.2	19.5	1	04/19/24 10:00	04/19/24 18:39	71-55-6	
1,1,2,2-Tetrachloroethane	**<27.6**	ug/kg	76.2	27.6	1	04/19/24 10:00	04/19/24 18:39	79-34-5	
1,1,2-Trichloroethane	**<27.7**	ug/kg	76.2	27.7	1	04/19/24 10:00	04/19/24 18:39	79-00-5	
1,1-Dichloroethane	**<19.5**	ug/kg	76.2	19.5	1	04/19/24 10:00	04/19/24 18:39	75-34-3	
1,1-Dichloroethene	**<25.3**	ug/kg	76.2	25.3	1	04/19/24 10:00	04/19/24 18:39	75-35-4	
1,1-Dichloropropene	**<24.7**	ug/kg	76.2	24.7	1	04/19/24 10:00	04/19/24 18:39	563-58-6	
1,2,3-Trichlorobenzene	**<84.9**	ug/kg	381	84.9	1	04/19/24 10:00	04/19/24 18:39	87-61-6	
1,2,3-Trichloropropane	**<37.0**	ug/kg	76.2	37.0	1	04/19/24 10:00	04/19/24 18:39	96-18-4	
1,2,4-Trichlorobenzene	**<62.8**	ug/kg	381	62.8	1	04/19/24 10:00	04/19/24 18:39	120-82-1	
1,2,4-Trimethylbenzene	**<22.7**	ug/kg	76.2	22.7	1	04/19/24 10:00	04/19/24 18:39	95-63-6	
1,2-Dibromo-3-chloropropane	**<59.1**	ug/kg	381	59.1	1	04/19/24 10:00	04/19/24 18:39	96-12-8	
1,2-Dibromoethane (EDB)	**<20.9**	ug/kg	76.2	20.9	1	04/19/24 10:00	04/19/24 18:39	106-93-4	
1,2-Dichlorobenzene	**<23.6**	ug/kg	76.2	23.6	1	04/19/24 10:00	04/19/24 18:39	95-50-1	
1,2-Dichloroethane	**<17.5**	ug/kg	76.2	17.5	1	04/19/24 10:00	04/19/24 18:39	107-06-2	
1,2-Dichloropropane	**<18.1**	ug/kg	76.2	18.1	1	04/19/24 10:00	04/19/24 18:39	78-87-5	
1,3,5-Trimethylbenzene	**<24.5**	ug/kg	76.2	24.5	1	04/19/24 10:00	04/19/24 18:39	108-67-8	
1,3-Dichlorobenzene	**<20.9**	ug/kg	76.2	20.9	1	04/19/24 10:00	04/19/24 18:39	541-73-1	
1,3-Dichloropropane	**<16.6**	ug/kg	76.2	16.6	1	04/19/24 10:00	04/19/24 18:39	142-28-9	
1,4-Dichlorobenzene	**<20.9**	ug/kg	76.2	20.9	1	04/19/24 10:00	04/19/24 18:39	106-46-7	
2,2-Dichloropropane	**<20.6**	ug/kg	76.2	20.6	1	04/19/24 10:00	04/19/24 18:39	594-20-7	
2-Chlorotoluene	**<24.7**	ug/kg	76.2	24.7	1	04/19/24 10:00	04/19/24 18:39	95-49-8	
4-Chlorotoluene	**<28.9**	ug/kg	76.2	28.9	1	04/19/24 10:00	04/19/24 18:39	106-43-4	
Benzene	**<18.1**	ug/kg	30.5	18.1	1	04/19/24 10:00	04/19/24 18:39	71-43-2	
Bromobenzene	**<29.7**	ug/kg	76.2	29.7	1	04/19/24 10:00	04/19/24 18:39	108-86-1	
Bromochloromethane	**<20.9**	ug/kg	76.2	20.9	1	04/19/24 10:00	04/19/24 18:39	74-97-5	
Bromodichloromethane	**<18.1**	ug/kg	76.2	18.1	1	04/19/24 10:00	04/19/24 18:39	75-27-4	
Bromoform	**<335**	ug/kg	381	335	1	04/19/24 10:00	04/19/24 18:39	75-25-2	
Bromomethane	**<107**	ug/kg	381	107	1	04/19/24 10:00	04/19/24 18:39	74-83-9	
Carbon tetrachloride	**<16.8**	ug/kg	76.2	16.8	1	04/19/24 10:00	04/19/24 18:39	56-23-5	
Chlorobenzene	**<9.1**	ug/kg	76.2	9.1	1	04/19/24 10:00	04/19/24 18:39	108-90-7	
Chloroethane	**<32.1**	ug/kg	381	32.1	1	04/19/24 10:00	04/19/24 18:39	75-00-3	
Chloroform	**<54.5**	ug/kg	381	54.5	1	04/19/24 10:00	04/19/24 18:39	67-66-3	
Chloromethane	**<28.9**	ug/kg	76.2	28.9	1	04/19/24 10:00	04/19/24 18:39	74-87-3	
Dibromochloromethane	**<260**	ug/kg	381	260	1	04/19/24 10:00	04/19/24 18:39	124-48-1	
Dibromomethane	**<22.5**	ug/kg	76.2	22.5	1	04/19/24 10:00	04/19/24 18:39	74-95-3	
Dichlorodifluoromethane	**<32.8**	ug/kg	76.2	32.8	1	04/19/24 10:00	04/19/24 18:39	75-71-8	
Diisopropyl ether	**<18.9**	ug/kg	76.2	18.9	1	04/19/24 10:00	04/19/24 18:39	108-20-3	
Ethylbenzene	**30.9J**	ug/kg	76.2	18.1	1	04/19/24 10:00	04/19/24 18:39	100-41-4	
Hexachloro-1,3-butadiene	**<151**	ug/kg	381	151	1	04/19/24 10:00	04/19/24 18:39	87-68-3	
Isopropylbenzene (Cumene)	**<20.6**	ug/kg	76.2	20.6	1	04/19/24 10:00	04/19/24 18:39	98-82-8	
Methyl-tert-butyl ether	**<22.4**	ug/kg	76.2	22.4	1	04/19/24 10:00	04/19/24 18:39	1634-04-4	
Methylene Chloride	**<21.2**	ug/kg	76.2	21.2	1	04/19/24 10:00	04/19/24 18:39	75-09-2	
Naphthalene	**<32.0**	ug/kg	381	32.0	1	04/19/24 10:00	04/19/24 18:39	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BETA TANK BASIN
Pace Project No.: 40277001

Sample: SW03 **Lab ID: 40277001003** Collected: 04/17/24 13:18 Received: 04/18/24 08:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Styrene	**<19.5**	ug/kg	76.2	19.5	1	04/19/24 10:00	04/19/24 18:39	100-42-5	
Tetrachloroethene	**<29.6**	ug/kg	76.2	29.6	1	04/19/24 10:00	04/19/24 18:39	127-18-4	
Toluene	**26.6J**	ug/kg	76.2	19.2	1	04/19/24 10:00	04/19/24 18:39	108-88-3	
Trichloroethene	**<28.5**	ug/kg	76.2	28.5	1	04/19/24 10:00	04/19/24 18:39	79-01-6	
Trichlorofluoromethane	**<22.1**	ug/kg	76.2	22.1	1	04/19/24 10:00	04/19/24 18:39	75-69-4	
Vinyl chloride	**<15.4**	ug/kg	76.2	15.4	1	04/19/24 10:00	04/19/24 18:39	75-01-4	
Xylene (Total)	**182J**	ug/kg	229	55.0	1	04/19/24 10:00	04/19/24 18:39	1330-20-7	
cis-1,2-Dichloroethene	**<16.3**	ug/kg	76.2	16.3	1	04/19/24 10:00	04/19/24 18:39	156-59-2	
cis-1,3-Dichloropropene	**<50.3**	ug/kg	381	50.3	1	04/19/24 10:00	04/19/24 18:39	10061-01-5	
m&p-Xylene	**111J**	ug/kg	152	32.1	1	04/19/24 10:00	04/19/24 18:39	179601-23-1	
n-Butylbenzene	**<34.9**	ug/kg	76.2	34.9	1	04/19/24 10:00	04/19/24 18:39	104-51-8	
n-Propylbenzene	**<18.3**	ug/kg	76.2	18.3	1	04/19/24 10:00	04/19/24 18:39	103-65-1	
o-Xylene	**71.1J**	ug/kg	76.2	22.9	1	04/19/24 10:00	04/19/24 18:39	95-47-6	
p-Isopropyltoluene	**<25.9**	ug/kg	76.2	25.9	1	04/19/24 10:00	04/19/24 18:39	99-87-6	
sec-Butylbenzene	**<26.1**	ug/kg	76.2	26.1	1	04/19/24 10:00	04/19/24 18:39	135-98-8	
tert-Butylbenzene	**<23.9**	ug/kg	76.2	23.9	1	04/19/24 10:00	04/19/24 18:39	98-06-6	
trans-1,2-Dichloroethene	**<16.7**	ug/kg	76.2	16.7	1	04/19/24 10:00	04/19/24 18:39	156-60-5	
trans-1,3-Dichloropropene	**<218**	ug/kg	381	218	1	04/19/24 10:00	04/19/24 18:39	10061-02-6	
Surrogates									
Toluene-d8 (S)	130	%	70-139		1	04/19/24 10:00	04/19/24 18:39	2037-26-5	
4-Bromofluorobenzene (S)	120	%	72-142		1	04/19/24 10:00	04/19/24 18:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	118	%	67-144		1	04/19/24 10:00	04/19/24 18:39	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**20.7**	%	0.10	0.10	1		04/22/24 14:41		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BETA TANK BASIN
Pace Project No.: 40277001

Sample: TB-02 **Lab ID: 40277001004** Collected: 04/17/24 00:00 Received: 04/18/24 08:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<12.0**	ug/kg	50.0	12.0	1	04/19/24 10:00	04/19/24 16:02	630-20-6	
1,1,1-Trichloroethane	**<12.8**	ug/kg	50.0	12.8	1	04/19/24 10:00	04/19/24 16:02	71-55-6	
1,1,2,2-Tetrachloroethane	**<18.1**	ug/kg	50.0	18.1	1	04/19/24 10:00	04/19/24 16:02	79-34-5	
1,1,2-Trichloroethane	**<18.2**	ug/kg	50.0	18.2	1	04/19/24 10:00	04/19/24 16:02	79-00-5	
1,1-Dichloroethane	**<12.8**	ug/kg	50.0	12.8	1	04/19/24 10:00	04/19/24 16:02	75-34-3	
1,1-Dichloroethene	**<16.6**	ug/kg	50.0	16.6	1	04/19/24 10:00	04/19/24 16:02	75-35-4	
1,1-Dichloropropene	**<16.2**	ug/kg	50.0	16.2	1	04/19/24 10:00	04/19/24 16:02	563-58-6	
1,2,3-Trichlorobenzene	**<55.7**	ug/kg	250	55.7	1	04/19/24 10:00	04/19/24 16:02	87-61-6	
1,2,3-Trichloropropane	**<24.3**	ug/kg	50.0	24.3	1	04/19/24 10:00	04/19/24 16:02	96-18-4	
1,2,4-Trichlorobenzene	**<41.2**	ug/kg	250	41.2	1	04/19/24 10:00	04/19/24 16:02	120-82-1	
1,2,4-Trimethylbenzene	**<14.9**	ug/kg	50.0	14.9	1	04/19/24 10:00	04/19/24 16:02	95-63-6	
1,2-Dibromo-3-chloropropane	**<38.8**	ug/kg	250	38.8	1	04/19/24 10:00	04/19/24 16:02	96-12-8	
1,2-Dibromoethane (EDB)	**<13.7**	ug/kg	50.0	13.7	1	04/19/24 10:00	04/19/24 16:02	106-93-4	
1,2-Dichlorobenzene	**<15.5**	ug/kg	50.0	15.5	1	04/19/24 10:00	04/19/24 16:02	95-50-1	
1,2-Dichloroethane	**<11.5**	ug/kg	50.0	11.5	1	04/19/24 10:00	04/19/24 16:02	107-06-2	
1,2-Dichloropropane	**<11.9**	ug/kg	50.0	11.9	1	04/19/24 10:00	04/19/24 16:02	78-87-5	
1,3,5-Trimethylbenzene	**<16.1**	ug/kg	50.0	16.1	1	04/19/24 10:00	04/19/24 16:02	108-67-8	
1,3-Dichlorobenzene	**<13.7**	ug/kg	50.0	13.7	1	04/19/24 10:00	04/19/24 16:02	541-73-1	
1,3-Dichloropropane	**<10.9**	ug/kg	50.0	10.9	1	04/19/24 10:00	04/19/24 16:02	142-28-9	
1,4-Dichlorobenzene	**<13.7**	ug/kg	50.0	13.7	1	04/19/24 10:00	04/19/24 16:02	106-46-7	
2,2-Dichloropropane	**<13.5**	ug/kg	50.0	13.5	1	04/19/24 10:00	04/19/24 16:02	594-20-7	
2-Chlorotoluene	**<16.2**	ug/kg	50.0	16.2	1	04/19/24 10:00	04/19/24 16:02	95-49-8	
4-Chlorotoluene	**<19.0**	ug/kg	50.0	19.0	1	04/19/24 10:00	04/19/24 16:02	106-43-4	
Benzene	**<11.9**	ug/kg	20.0	11.9	1	04/19/24 10:00	04/19/24 16:02	71-43-2	
Bromobenzene	**<19.5**	ug/kg	50.0	19.5	1	04/19/24 10:00	04/19/24 16:02	108-86-1	
Bromochloromethane	**<13.7**	ug/kg	50.0	13.7	1	04/19/24 10:00	04/19/24 16:02	74-97-5	
Bromodichloromethane	**<11.9**	ug/kg	50.0	11.9	1	04/19/24 10:00	04/19/24 16:02	75-27-4	
Bromoform	**<220**	ug/kg	250	220	1	04/19/24 10:00	04/19/24 16:02	75-25-2	
Bromomethane	**<70.1**	ug/kg	250	70.1	1	04/19/24 10:00	04/19/24 16:02	74-83-9	
Carbon tetrachloride	**<11.0**	ug/kg	50.0	11.0	1	04/19/24 10:00	04/19/24 16:02	56-23-5	
Chlorobenzene	**<6.0**	ug/kg	50.0	6.0	1	04/19/24 10:00	04/19/24 16:02	108-90-7	
Chloroethane	**<21.1**	ug/kg	250	21.1	1	04/19/24 10:00	04/19/24 16:02	75-00-3	
Chloroform	**<35.8**	ug/kg	250	35.8	1	04/19/24 10:00	04/19/24 16:02	67-66-3	
Chloromethane	**<19.0**	ug/kg	50.0	19.0	1	04/19/24 10:00	04/19/24 16:02	74-87-3	
Dibromochloromethane	**<171**	ug/kg	250	171	1	04/19/24 10:00	04/19/24 16:02	124-48-1	
Dibromomethane	**<14.8**	ug/kg	50.0	14.8	1	04/19/24 10:00	04/19/24 16:02	74-95-3	
Dichlorodifluoromethane	**<21.5**	ug/kg	50.0	21.5	1	04/19/24 10:00	04/19/24 16:02	75-71-8	
Diisopropyl ether	**<12.4**	ug/kg	50.0	12.4	1	04/19/24 10:00	04/19/24 16:02	108-20-3	
Ethylbenzene	**<11.9**	ug/kg	50.0	11.9	1	04/19/24 10:00	04/19/24 16:02	100-41-4	
Hexachloro-1,3-butadiene	**<99.4**	ug/kg	250	99.4	1	04/19/24 10:00	04/19/24 16:02	87-68-3	
Isopropylbenzene (Cumene)	**<13.5**	ug/kg	50.0	13.5	1	04/19/24 10:00	04/19/24 16:02	98-82-8	
Methyl-tert-butyl ether	**<14.7**	ug/kg	50.0	14.7	1	04/19/24 10:00	04/19/24 16:02	1634-04-4	
Methylene Chloride	**<13.9**	ug/kg	50.0	13.9	1	04/19/24 10:00	04/19/24 16:02	75-09-2	
Naphthalene	**<21.0**	ug/kg	250	21.0	1	04/19/24 10:00	04/19/24 16:02	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BETA TANK BASIN
Pace Project No.: 40277001

Sample: TB-02 **Lab ID: 40277001004** Collected: 04/17/24 00:00 Received: 04/18/24 08:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Styrene	**<12.8**	ug/kg	50.0	12.8	1	04/19/24 10:00	04/19/24 16:02	100-42-5	
Tetrachloroethene	**<19.4**	ug/kg	50.0	19.4	1	04/19/24 10:00	04/19/24 16:02	127-18-4	
Toluene	**<12.6**	ug/kg	50.0	12.6	1	04/19/24 10:00	04/19/24 16:02	108-88-3	
Trichloroethene	**<18.7**	ug/kg	50.0	18.7	1	04/19/24 10:00	04/19/24 16:02	79-01-6	
Trichlorofluoromethane	**<14.5**	ug/kg	50.0	14.5	1	04/19/24 10:00	04/19/24 16:02	75-69-4	
Vinyl chloride	**<10.1**	ug/kg	50.0	10.1	1	04/19/24 10:00	04/19/24 16:02	75-01-4	
Xylene (Total)	**<36.1**	ug/kg	150	36.1	1	04/19/24 10:00	04/19/24 16:02	1330-20-7	
cis-1,2-Dichloroethene	**<10.7**	ug/kg	50.0	10.7	1	04/19/24 10:00	04/19/24 16:02	156-59-2	
cis-1,3-Dichloropropene	**<33.0**	ug/kg	250	33.0	1	04/19/24 10:00	04/19/24 16:02	10061-01-5	
m&p-Xylene	**<21.1**	ug/kg	100	21.1	1	04/19/24 10:00	04/19/24 16:02	179601-23-1	
n-Butylbenzene	**<22.9**	ug/kg	50.0	22.9	1	04/19/24 10:00	04/19/24 16:02	104-51-8	
n-Propylbenzene	**<12.0**	ug/kg	50.0	12.0	1	04/19/24 10:00	04/19/24 16:02	103-65-1	
o-Xylene	**<15.0**	ug/kg	50.0	15.0	1	04/19/24 10:00	04/19/24 16:02	95-47-6	
p-Isopropyltoluene	**<17.0**	ug/kg	50.0	17.0	1	04/19/24 10:00	04/19/24 16:02	99-87-6	
sec-Butylbenzene	**<17.2**	ug/kg	50.0	17.2	1	04/19/24 10:00	04/19/24 16:02	135-98-8	
tert-Butylbenzene	**<15.7**	ug/kg	50.0	15.7	1	04/19/24 10:00	04/19/24 16:02	98-06-6	
trans-1,2-Dichloroethene	**<10.9**	ug/kg	50.0	10.9	1	04/19/24 10:00	04/19/24 16:02	156-60-5	
trans-1,3-Dichloropropene	**<143**	ug/kg	250	143	1	04/19/24 10:00	04/19/24 16:02	10061-02-6	
Surrogates									
Toluene-d8 (S)	96	%	70-139		1	04/19/24 10:00	04/19/24 16:02	2037-26-5	
4-Bromofluorobenzene (S)	96	%	72-142		1	04/19/24 10:00	04/19/24 16:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	96	%	67-144		1	04/19/24 10:00	04/19/24 16:02	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BETA TANK BASIN
Pace Project No.: 40277001

QC Batch: 472177
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40277001001, 40277001002, 40277001003, 40277001004

METHOD BLANK: 2704156 Matrix: Solid
Associated Lab Samples: 40277001001, 40277001002, 40277001003, 40277001004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	04/19/24 13:07	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	04/19/24 13:07	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	04/19/24 13:07	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	04/19/24 13:07	
1,1-Dichloroethane	ug/kg	<12.8	50.0	04/19/24 13:07	
1,1-Dichloroethene	ug/kg	<16.6	50.0	04/19/24 13:07	
1,1-Dichloropropene	ug/kg	<16.2	50.0	04/19/24 13:07	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	04/19/24 13:07	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	04/19/24 13:07	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	04/19/24 13:07	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	04/19/24 13:07	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	04/19/24 13:07	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	04/19/24 13:07	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	04/19/24 13:07	
1,2-Dichloroethane	ug/kg	<11.5	50.0	04/19/24 13:07	
1,2-Dichloropropane	ug/kg	<11.9	50.0	04/19/24 13:07	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	04/19/24 13:07	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	04/19/24 13:07	
1,3-Dichloropropane	ug/kg	<10.9	50.0	04/19/24 13:07	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	04/19/24 13:07	
2,2-Dichloropropane	ug/kg	<13.5	50.0	04/19/24 13:07	
2-Chlorotoluene	ug/kg	<16.2	50.0	04/19/24 13:07	
4-Chlorotoluene	ug/kg	<19.0	50.0	04/19/24 13:07	
Benzene	ug/kg	<11.9	20.0	04/19/24 13:07	
Bromobenzene	ug/kg	<19.5	50.0	04/19/24 13:07	
Bromochloromethane	ug/kg	<13.7	50.0	04/19/24 13:07	
Bromodichloromethane	ug/kg	<11.9	50.0	04/19/24 13:07	
Bromoform	ug/kg	<220	250	04/19/24 13:07	
Bromomethane	ug/kg	<70.1	250	04/19/24 13:07	
Carbon tetrachloride	ug/kg	<11.0	50.0	04/19/24 13:07	
Chlorobenzene	ug/kg	<6.0	50.0	04/19/24 13:07	
Chloroethane	ug/kg	<21.1	250	04/19/24 13:07	
Chloroform	ug/kg	<35.8	250	04/19/24 13:07	
Chloromethane	ug/kg	<19.0	50.0	04/19/24 13:07	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	04/19/24 13:07	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	04/19/24 13:07	
Dibromochloromethane	ug/kg	<171	250	04/19/24 13:07	
Dibromomethane	ug/kg	<14.8	50.0	04/19/24 13:07	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	04/19/24 13:07	
Diisopropyl ether	ug/kg	<12.4	50.0	04/19/24 13:07	

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: BETA TANK BASIN
Pace Project No.: 40277001

METHOD BLANK: 2704156 Matrix: Solid
Associated Lab Samples: 40277001001, 40277001002, 40277001003, 40277001004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	04/19/24 13:07	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	04/19/24 13:07	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	04/19/24 13:07	
m&p-Xylene	ug/kg	<21.1	100	04/19/24 13:07	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	04/19/24 13:07	
Methylene Chloride	ug/kg	<13.9	50.0	04/19/24 13:07	
n-Butylbenzene	ug/kg	<22.9	50.0	04/19/24 13:07	
n-Propylbenzene	ug/kg	<12.0	50.0	04/19/24 13:07	
Naphthalene	ug/kg	<21.0	250	04/19/24 13:07	
o-Xylene	ug/kg	<15.0	50.0	04/19/24 13:07	
p-Isopropyltoluene	ug/kg	<17.0	50.0	04/19/24 13:07	
sec-Butylbenzene	ug/kg	<17.2	50.0	04/19/24 13:07	
Styrene	ug/kg	<12.8	50.0	04/19/24 13:07	
tert-Butylbenzene	ug/kg	<15.7	50.0	04/19/24 13:07	
Tetrachloroethene	ug/kg	<19.4	50.0	04/19/24 13:07	
Toluene	ug/kg	<12.6	50.0	04/19/24 13:07	
trans-1,2-Dichloroethene	ug/kg	<10.9	50.0	04/19/24 13:07	
trans-1,3-Dichloropropene	ug/kg	<143	250	04/19/24 13:07	
Trichloroethene	ug/kg	<18.7	50.0	04/19/24 13:07	
Trichlorofluoromethane	ug/kg	<14.5	50.0	04/19/24 13:07	
Vinyl chloride	ug/kg	<10.1	50.0	04/19/24 13:07	
Xylene (Total)	ug/kg	<36.1	150	04/19/24 13:07	
1,2-Dichlorobenzene-d4 (S)	%	107	67-144	04/19/24 13:07	
4-Bromofluorobenzene (S)	%	106	72-142	04/19/24 13:07	
Toluene-d8 (S)	%	111	70-139	04/19/24 13:07	

LABORATORY CONTROL SAMPLE: 2704157

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2290	92	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2390	95	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2450	98	70-130	
1,1-Dichloroethane	ug/kg	2500	2650	106	70-130	
1,1-Dichloroethene	ug/kg	2500	2470	99	77-122	
1,2,4-Trichlorobenzene	ug/kg	2500	2200	88	66-125	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2060	83	66-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2550	102	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2470	99	70-130	
1,2-Dichloroethane	ug/kg	2500	2900	116	70-130	
1,2-Dichloropropane	ug/kg	2500	2510	100	80-121	
1,3-Dichlorobenzene	ug/kg	2500	2470	99	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2540	101	70-130	
Benzene	ug/kg	2500	2570	103	70-130	
Bromodichloromethane	ug/kg	2500	2420	97	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BETA TANK BASIN
Pace Project No.: 40277001

LABORATORY CONTROL SAMPLE: 2704157

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	1810	72	67-130	
Bromomethane	ug/kg	2500	2950	118	25-150	
Carbon tetrachloride	ug/kg	2500	2110	84	72-136	
Chlorobenzene	ug/kg	2500	2640	106	70-130	
Chloroethane	ug/kg	2500	3200	128	20-178	
Chloroform	ug/kg	2500	2610	104	80-120	
Chloromethane	ug/kg	2500	2140	86	45-123	
cis-1,2-Dichloroethene	ug/kg	2500	2470	99	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2320	93	70-130	
Dibromochloromethane	ug/kg	2500	2060	83	70-130	
Dichlorodifluoromethane	ug/kg	2500	1140	45	14-106	
Ethylbenzene	ug/kg	2500	2620	105	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2410	96	70-130	
m&p-Xylene	ug/kg	5000	5220	104	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2370	95	70-130	
Methylene Chloride	ug/kg	2500	2590	104	70-130	
o-Xylene	ug/kg	2500	2530	101	70-130	
Styrene	ug/kg	2500	2730	109	70-130	
Tetrachloroethene	ug/kg	2500	2500	100	70-130	
Toluene	ug/kg	2500	2430	97	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2560	103	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2240	89	70-130	
Trichloroethene	ug/kg	2500	2610	105	70-130	
Trichlorofluoromethane	ug/kg	2500	2310	92	49-141	
Vinyl chloride	ug/kg	2500	2000	80	59-120	
Xylene (Total)	ug/kg	7500	7740	103	70-130	
1,2-Dichlorobenzene-d4 (S)	%			103	67-144	
4-Bromofluorobenzene (S)	%			105	72-142	
Toluene-d8 (S)	%			108	70-139	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2704158 2704159

Parameter	Units	40277027001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<19.4	1510	1510	1320	1260	87	83	56-130	5	20	
1,1,2,2-Tetrachloroethane	ug/kg	<27.4	1510	1510	1440	1540	95	101	70-133	6	20	
1,1,2-Trichloroethane	ug/kg	<27.6	1510	1510	1520	1480	100	98	70-130	2	20	
1,1-Dichloroethane	ug/kg	<19.4	1510	1510	1620	1640	107	108	70-130	1	20	
1,1-Dichloroethene	ug/kg	<25.1	1510	1510	1330	1340	88	88	52-122	1	20	
1,2,4-Trichlorobenzene	ug/kg	<62.4	1510	1510	1500	1470	99	97	66-136	2	20	
1,2-Dibromo-3-chloropropane	ug/kg	<58.8	1510	1510	1110	1400	73	93	59-131	23	23	
1,2-Dibromoethane (EDB)	ug/kg	<20.8	1510	1510	1510	1540	100	102	70-130	2	20	
1,2-Dichlorobenzene	ug/kg	<23.5	1510	1510	1570	1590	104	105	70-130	1	20	
1,2-Dichloroethane	ug/kg	<17.4	1510	1510	1720	1800	114	119	70-130	4	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BETA TANK BASIN
Pace Project No.: 40277001

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2704158 2704159

Parameter	Units	40277027001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/kg	<18.0	1510	1510	1550	1590	102	105	77-121	3	20	
1,3-Dichlorobenzene	ug/kg	<20.8	1510	1510	1600	1580	105	104	70-130	1	20	
1,4-Dichlorobenzene	ug/kg	<20.8	1510	1510	1610	1570	106	104	70-130	2	20	
Benzene	ug/kg	<18.0	1510	1510	1550	1560	103	103	70-130	0	20	
Bromodichloromethane	ug/kg	<18.0	1510	1510	1490	1480	98	98	70-130	0	20	
Bromoform	ug/kg	<333	1510	1510	1030	950	68	63	67-130	8	20	M1
Bromomethane	ug/kg	<106	1510	1510	2040	2040	135	135	25-150	0	20	
Carbon tetrachloride	ug/kg	<16.7	1510	1510	1110	1040	73	69	48-136	6	20	
Chlorobenzene	ug/kg	<9.1	1510	1510	1620	1630	107	107	70-130	1	20	
Chloroethane	ug/kg	<32.0	1510	1510	2080	2080	137	138	20-178	0	23	
Chloroform	ug/kg	<54.2	1510	1510	1460	1630	96	107	80-120	11	20	
Chloromethane	ug/kg	<28.8	1510	1510	1630	1660	108	109	23-132	1	20	
cis-1,2-Dichloroethene	ug/kg	<16.2	1510	1510	1550	1550	102	103	70-130	0	20	
cis-1,3-Dichloropropene	ug/kg	<50.0	1510	1510	1380	1440	91	95	70-130	4	20	
Dibromochloromethane	ug/kg	<259	1510	1510	1250	1200	83	79	70-130	4	20	
Dichlorodifluoromethane	ug/kg	<32.6	1510	1510	954	903	63	60	10-106	6	34	
Ethylbenzene	ug/kg	<18.0	1510	1510	1600	1520	106	100	80-120	5	20	
Isopropylbenzene (Cumene)	ug/kg	<20.5	1510	1510	1420	1340	94	89	70-130	5	20	
m&p-Xylene	ug/kg	<32.0	3030	3030	3180	3070	105	101	70-130	4	20	
Methyl-tert-butyl ether	ug/kg	<22.3	1510	1510	1460	1540	96	101	67-130	5	20	
Methylene Chloride	ug/kg	<21.1	1510	1510	1640	1700	108	112	70-130	4	20	
o-Xylene	ug/kg	<22.7	1510	1510	1620	1550	107	102	70-130	5	20	
Styrene	ug/kg	<19.4	1510	1510	1700	1610	112	106	70-130	5	20	
Tetrachloroethene	ug/kg	<29.4	1510	1510	1490	1300	98	86	70-130	13	20	
Toluene	ug/kg	<19.1	1510	1510	1460	1460	96	96	80-120	0	20	
trans-1,2-Dichloroethene	ug/kg	<16.6	1510	1510	1610	1590	106	105	70-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<217	1510	1510	1330	1270	88	84	70-130	5	20	
Trichloroethene	ug/kg	<28.3	1510	1510	1550	1540	102	102	70-130	1	20	
Trichlorofluoromethane	ug/kg	<22.0	1510	1510	1290	1160	85	77	21-141	11	28	
Vinyl chloride	ug/kg	<15.3	1510	1510	1310	1230	87	81	29-120	7	20	
Xylene (Total)	ug/kg	<54.7	4540	4540	4800	4610	106	102	70-130	4	20	
1,2-Dichlorobenzene-d4 (S)	%						137	130	67-144			
4-Bromofluorobenzene (S)	%						141	137	72-142			
Toluene-d8 (S)	%						145	134	70-139			1q

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BETA TANK BASIN
Pace Project No.: 40277001

QC Batch: 472337
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40277001001, 40277001002, 40277001003

SAMPLE DUPLICATE: 2705387

Parameter	Units	40277002006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.8	9.4	4	10	

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: BETA TANK BASIN
Pace Project No.: 40277001

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 - The reported result is an estimated value.

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.

DL - Adjusted Method Detection Limit.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1q	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from the analysis of the parent sample that demonstrated similar interference).
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BETA TANK BASIN
Pace Project No.: 40277001

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40277001001	**SW01**	EPA 5035/5030B	472177	EPA 8260	472181
40277001002	**SW02**	EPA 5035/5030B	472177	EPA 8260	472181
40277001003	**SW03**	EPA 5035/5030B	472177	EPA 8260	472181
40277001004	**TB-02**	EPA 5035/5030B	472177	EPA 8260	472181
40277001001	**SW01**	ASTM D2974-87	472337		
40277001002	**SW02**	ASTM D2974-87	472337		
40277001003	**SW03**	ASTM D2974-87	472337		

40277001

Pace® Location Requested (City/State):
Pace Analytical Green Bay
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name.	Ramboll US Consulting, Inc.
Street Address:	234 W. Florida Street, Fifth Floor Milwaukee, WI 53204
Customer Project #.	
Project Name:	Beta Tank Basin
Site Collection Info/Facility ID (as applicable):	
Contact/Report To:	~~David Markelz~~ Richard Mazurkiewicz
Phone #:	~~262-901-0131~~ 262 901 3502
E-Mail:	~~dmarkelz@ramboll.com~~ RMazurkiewicz@Ramboll.com
Cc E-Mail:	
Invoice To:	Ramboll Americas
Invoice E-Mail:	ramboll.us@pdf.basware.com
Purchase Order # (if applicable):	
Quote #:	

Specify Container Size **

**Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

Identify Container Preservative Type***

*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET

County / State origin of sample(s): Wisconsin

Data Deliverables.
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable. Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Lab Use Only
Proj. Mgr: Steven Mleczko
AcctNum / Client ID:
Table #:
Profile / Template: 3007
Prelog / Bottle Ord. ID: EZ 3083193

Preservation non-conformance identified for sample

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	8260 PVOC+Nap Full list VOL	Dry weight	Trip Blank	Sample Comment
SW01	SS	G			4.17	1311	2			X	X		001
SW02	SS	G				1320	2			X	X		002
SW03	SS	G				1318	2			X	X		003
TB-02	-	-			4.17	-	1					X	004

Additional Instructions from Pace®:

Collected By: (Printed Name) Emily Ruder
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers	Thermometer ID	Correction Factor (°C):	Obs Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	120	None	0.0	0.0	Y

Relinquished by/Company. (Signature)	Date/Time	Received by/Company. (Signature)	Date/Time	Tracking Number.
Emily Ruder/Ramboll	4/17 1530			N/A
CS Logistics	4/18/24 0840	Pace	4/18/24 0840	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company. (Signature)	Date/Time	Received by/Company. (Signature)	Date/Time	
Relinquished by/Company. (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Sample Preservation Receipt Form

Client Name: Ramboll US Project # 40277001

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

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

Pace Lab #	Glass							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																		1		1														2.5 / 5
002																		1		1														2.5 / 5
003																		1		1														2.5 / 5
004																		1																2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007																																		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# : 40277001

40277001

Client Name: Ramboll US

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 - 120 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 0.0 /Corr: 0.0

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

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

Person examining contents:
Date: 4/18/24 /Initials: AL

Labeled By Initials: YA

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time.
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☐No ☑N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
Correct Type: (Pace Green Bay) Pace IR, Non-Pace		
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: SL		
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 3731		

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

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

May 01, 2024

Richard Mazurkiewicz
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: 1690023383 BECHER ST
Pace Project No.: 40277273

Dear Richard Mazurkiewicz:

Enclosed are the analytical results for sample(s) received by the laboratory on April 24, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: Duncan Glasford, Ramboll US Consulting, Inc.
Kyle Heimstead, Ramboll US Consulting, Inc.
Maggie Sheckler, Ramboll

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

CERTIFICATIONS

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

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: 1690023383 BECHER ST
Pace Project No.: 40277273

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40277273001	**UST PIT GW**	Water	04/23/24 09:00	04/24/24 09:15

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SAMPLE ANALYTE COUNT

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40277273001	**UST PIT GW**	EPA 8082A	BLM	10
		EPA 6020B	KXS	7
		EPA 7470	RZA	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	EIB	65

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

Sample: UST PIT GW **Lab ID: 40277273001** Collected: 04/23/24 09:00 Received: 04/24/24 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB Low Volume	Analytical Method: EPA 8082A Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<0.11**	ug/L	0.50	0.11	1	04/29/24 06:49	04/29/24 15:31	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.11**	ug/L	0.50	0.11	1	04/29/24 06:49	04/29/24 15:31	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.11**	ug/L	0.50	0.11	1	04/29/24 06:49	04/29/24 15:31	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.11**	ug/L	0.50	0.11	1	04/29/24 06:49	04/29/24 15:31	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.11**	ug/L	0.50	0.11	1	04/29/24 06:49	04/29/24 15:31	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.11**	ug/L	0.50	0.11	1	04/29/24 06:49	04/29/24 15:31	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.11**	ug/L	0.50	0.11	1	04/29/24 06:49	04/29/24 15:31	11096-82-5	
PCB, Total	**<0.11**	ug/L	0.50	0.11	1	04/29/24 06:49	04/29/24 15:31	1336-36-3	
Surrogates									
Decachlorobiphenyl (S)	72	%	10-132		1	04/29/24 06:49	04/29/24 15:31	2051-24-3	
Tetrachloro-m-xylene (S)	72	%	41-120		1	04/29/24 06:49	04/29/24 15:31	877-09-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**0.63J**	ug/L	1.0	0.28	1	04/29/24 05:52	04/29/24 19:46	7440-38-2	
Barium, Dissolved	**55.8**	ug/L	2.3	0.70	1	04/29/24 05:52	04/29/24 19:46	7440-39-3	
Cadmium, Dissolved	**<0.15**	ug/L	1.0	0.15	1	04/29/24 05:52	04/29/24 19:46	7440-43-9	
Chromium, Dissolved	**<1.0**	ug/L	3.4	1.0	1	04/29/24 05:52	04/29/24 19:46	7440-47-3	
Lead, Dissolved	**0.70J**	ug/L	1.0	0.24	1	04/29/24 05:52	04/29/24 19:46	7439-92-1	
Selenium, Dissolved	**<0.32**	ug/L	1.1	0.32	1	04/29/24 05:52	04/29/24 19:46	7782-49-2	
Silver, Dissolved	**<0.13**	ug/L	0.50	0.13	1	04/29/24 05:52	04/29/24 19:46	7440-22-4	
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	04/30/24 08:13	04/30/24 17:55	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.025J**	ug/L	0.050	0.014	1	04/25/24 13:19	04/26/24 18:50	83-32-9	
Acenaphthylene	**<0.013**	ug/L	0.050	0.013	1	04/25/24 13:19	04/26/24 18:50	208-96-8	
Anthracene	**0.022J**	ug/L	0.050	0.018	1	04/25/24 13:19	04/26/24 18:50	120-12-7	
Benzo(a)anthracene	**0.063**	ug/L	0.050	0.014	1	04/25/24 13:19	04/26/24 18:50	56-55-3	
Benzo(a)pyrene	**0.061**	ug/L	0.050	0.013	1	04/25/24 13:19	04/26/24 18:50	50-32-8	
Benzo(b)fluoranthene	**0.11**	ug/L	0.050	0.0091	1	04/25/24 13:19	04/26/24 18:50	205-99-2	
Benzo(g,h,i)perylene	**0.076**	ug/L	0.050	0.023	1	04/25/24 13:19	04/26/24 18:50	191-24-2	
Benzo(k)fluoranthene	**0.044J**	ug/L	0.050	0.022	1	04/25/24 13:19	04/26/24 18:50	207-08-9	
Chrysene	**0.084**	ug/L	0.050	0.013	1	04/25/24 13:19	04/26/24 18:50	218-01-9	
Dibenz(a,h)anthracene	**<0.018**	ug/L	0.050	0.018	1	04/25/24 13:19	04/26/24 18:50	53-70-3	
Fluoranthene	**0.20**	ug/L	0.050	0.026	1	04/25/24 13:19	04/26/24 18:50	206-44-0	
Fluorene	**<0.024**	ug/L	0.050	0.024	1	04/25/24 13:19	04/26/24 18:50	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.060**	ug/L	0.050	0.016	1	04/25/24 13:19	04/26/24 18:50	193-39-5	
1-Methylnaphthalene	**0.56**	ug/L	0.050	0.018	1	04/25/24 13:19	04/26/24 18:50	90-12-0	
2-Methylnaphthalene	**1.0**	ug/L	0.050	0.014	1	04/25/24 13:19	04/26/24 18:50	91-57-6	
Naphthalene	**1.7**	ug/L	0.050	0.020	1	04/25/24 13:19	04/26/24 18:50	91-20-3	1q
Phenanthrene	**0.13**	ug/L	0.050	0.026	1	04/25/24 13:19	04/26/24 18:50	85-01-8	

REPORT OF LABORATORY ANALYSIS

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

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

Sample: UST PIT GW **Lab ID: 40277273001** Collected: 04/23/24 09:00 Received: 04/24/24 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Pyrene	**0.14**	ug/L	0.050	0.023	1	04/25/24 13:19	04/26/24 18:50	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	52	%	38-120		1	04/25/24 13:19	04/26/24 18:50	321-60-8	
Terphenyl-d14 (S)	65	%	47-121		1	04/25/24 13:19	04/26/24 18:50	1718-51-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1.4**	ug/L	1.0	0.30	1		04/25/24 23:25	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/25/24 23:25	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		04/25/24 23:25	74-97-5	
Bromodichloromethane	**<0.21**	ug/L	1.0	0.21	1		04/25/24 23:25	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		04/25/24 23:25	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/25/24 23:25	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/25/24 23:25	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/25/24 23:25	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/25/24 23:25	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/25/24 23:25	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/25/24 23:25	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/25/24 23:25	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		04/25/24 23:25	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/25/24 23:25	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/25/24 23:25	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/25/24 23:25	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.36**	ug/L	5.0	0.36	1		04/25/24 23:25	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/25/24 23:25	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/25/24 23:25	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/25/24 23:25	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/25/24 23:25	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/25/24 23:25	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/25/24 23:25	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/25/24 23:25	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/25/24 23:25	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/25/24 23:25	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/25/24 23:25	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		04/25/24 23:25	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		04/25/24 23:25	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/25/24 23:25	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/25/24 23:25	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		04/25/24 23:25	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/25/24 23:25	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		04/25/24 23:25	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		04/25/24 23:25	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/25/24 23:25	108-20-3	
Ethylbenzene	**16.0**	ug/L	1.0	0.33	1		04/25/24 23:25	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/25/24 23:25	87-68-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

Sample: UST PIT GW **Lab ID: 40277273001** Collected: 04/23/24 09:00 Received: 04/24/24 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Isopropylbenzene (Cumene)	**1.4J**	ug/L	5.0	1.0	1		04/25/24 23:25	98-82-8	
p-Isopropyltoluene	**16.6**	ug/L	5.0	1.0	1		04/25/24 23:25	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/25/24 23:25	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/25/24 23:25	1634-04-4	
Naphthalene	**2.3J**	ug/L	5.0	1.9	1		04/25/24 23:25	91-20-3	
n-Propylbenzene	**4.3**	ug/L	1.0	0.35	1		04/25/24 23:25	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/25/24 23:25	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/25/24 23:25	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/25/24 23:25	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		04/25/24 23:25	127-18-4	
Toluene	**15.4**	ug/L	1.0	0.29	1		04/25/24 23:25	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/25/24 23:25	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/25/24 23:25	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/25/24 23:25	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		04/25/24 23:25	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		04/25/24 23:25	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/25/24 23:25	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		04/25/24 23:25	96-18-4	
1,2,4-Trimethylbenzene	**22.5**	ug/L	1.0	0.45	1		04/25/24 23:25	95-63-6	
1,3,5-Trimethylbenzene	**7.1**	ug/L	1.0	0.36	1		04/25/24 23:25	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/25/24 23:25	75-01-4	
Xylene (Total)	**64.4**	ug/L	3.0	1.0	1		04/25/24 23:25	1330-20-7	
m&p-Xylene	**47.5**	ug/L	2.0	0.70	1		04/25/24 23:25	179601-23-1	
o-Xylene	**16.8**	ug/L	1.0	0.35	1		04/25/24 23:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		04/25/24 23:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		04/25/24 23:25	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		04/25/24 23:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

QC Batch: 473029
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40277273001

METHOD BLANK: 2709164 Matrix: Water
Associated Lab Samples: 40277273001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.066	0.20	04/30/24 16:26	

LABORATORY CONTROL SAMPLE: 2709165

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	105	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2709166 2709167

Parameter	Units	40276862011 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	5.4	5.3	109	107	85-115	2	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

QC Batch: 472673
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40277273001

METHOD BLANK: 2707116 Matrix: Water
Associated Lab Samples: 40277273001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<0.28	1.0	04/29/24 19:09	
Barium, Dissolved	ug/L	<0.70	2.3	04/29/24 19:09	
Cadmium, Dissolved	ug/L	<0.15	1.0	04/29/24 19:09	
Chromium, Dissolved	ug/L	<1.0	3.4	04/29/24 19:09	
Lead, Dissolved	ug/L	<0.24	1.0	04/29/24 19:09	
Selenium, Dissolved	ug/L	<0.32	1.1	04/29/24 19:09	
Silver, Dissolved	ug/L	<0.13	0.50	04/29/24 19:09	

LABORATORY CONTROL SAMPLE: 2707117

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	250	260	104	80-120	
Barium, Dissolved	ug/L	250	259	103	80-120	
Cadmium, Dissolved	ug/L	250	260	104	80-120	
Chromium, Dissolved	ug/L	250	258	103	80-120	
Lead, Dissolved	ug/L	250	255	102	80-120	
Selenium, Dissolved	ug/L	250	275	110	80-120	
Silver, Dissolved	ug/L	125	124	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2707118 2707119

Parameter	Units	40277273001 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	0.63J	250	250	255	261	102	104	75-125	2	20	
Barium, Dissolved	ug/L	55.8	250	250	315	316	104	104	75-125	0	20	
Cadmium, Dissolved	ug/L	<0.15	250	250	254	253	102	101	75-125	0	20	
Chromium, Dissolved	ug/L	<1.0	250	250	250	256	100	102	75-125	2	20	
Lead, Dissolved	ug/L	0.70J	250	250	258	259	103	103	75-125	0	20	
Selenium, Dissolved	ug/L	<0.32	250	250	263	269	105	107	75-125	2	20	
Silver, Dissolved	ug/L	<0.13	125	125	116	117	93	93	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

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QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

QC Batch: 472747
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40277273001

METHOD BLANK: 2707575 Matrix: Water
Associated Lab Samples: 40277273001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	04/25/24 16:52	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	04/25/24 16:52	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	04/25/24 16:52	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	04/25/24 16:52	
1,1-Dichloroethane	ug/L	<0.30	1.0	04/25/24 16:52	
1,1-Dichloroethene	ug/L	<0.58	1.0	04/25/24 16:52	
1,1-Dichloropropene	ug/L	<0.41	1.0	04/25/24 16:52	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	04/25/24 16:52	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	04/25/24 16:52	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/25/24 16:52	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	04/25/24 16:52	
1,2-Dibromo-3-chloropropane	ug/L	<0.36	5.0	04/25/24 16:52	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	04/25/24 16:52	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	04/25/24 16:52	
1,2-Dichloroethane	ug/L	<0.29	1.0	04/25/24 16:52	
1,2-Dichloropropane	ug/L	<0.45	1.0	04/25/24 16:52	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	04/25/24 16:52	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	04/25/24 16:52	
1,3-Dichloropropane	ug/L	<0.30	1.0	04/25/24 16:52	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	04/25/24 16:52	
2,2-Dichloropropane	ug/L	<0.42	1.0	04/25/24 16:52	
2-Chlorotoluene	ug/L	<0.89	5.0	04/25/24 16:52	
4-Chlorotoluene	ug/L	<0.89	5.0	04/25/24 16:52	
Benzene	ug/L	<0.30	1.0	04/25/24 16:52	
Bromobenzene	ug/L	<0.36	1.0	04/25/24 16:52	
Bromochloromethane	ug/L	<0.36	1.0	04/25/24 16:52	
Bromodichloromethane	ug/L	<0.21	1.0	04/25/24 16:52	
Bromoform	ug/L	<0.43	1.0	04/25/24 16:52	
Bromomethane	ug/L	<1.2	5.0	04/25/24 16:52	
Carbon tetrachloride	ug/L	<0.37	1.0	04/25/24 16:52	
Chlorobenzene	ug/L	<0.86	1.0	04/25/24 16:52	
Chloroethane	ug/L	<1.4	5.0	04/25/24 16:52	
Chloroform	ug/L	<0.50	5.0	04/25/24 16:52	
Chloromethane	ug/L	<1.6	5.0	04/25/24 16:52	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	04/25/24 16:52	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	04/25/24 16:52	
Dibromochloromethane	ug/L	<2.6	5.0	04/25/24 16:52	
Dibromomethane	ug/L	<0.99	5.0	04/25/24 16:52	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/25/24 16:52	
Diisopropyl ether	ug/L	<1.1	5.0	04/25/24 16:52	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

METHOD BLANK: 2707575 Matrix: Water
Associated Lab Samples: 40277273001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	04/25/24 16:52	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/25/24 16:52	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/25/24 16:52	
m&p-Xylene	ug/L	<0.70	2.0	04/25/24 16:52	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/25/24 16:52	
Methylene Chloride	ug/L	<0.32	5.0	04/25/24 16:52	
n-Butylbenzene	ug/L	<0.86	1.0	04/25/24 16:52	
n-Propylbenzene	ug/L	<0.35	1.0	04/25/24 16:52	
Naphthalene	ug/L	<1.9	5.0	04/25/24 16:52	
o-Xylene	ug/L	<0.35	1.0	04/25/24 16:52	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/25/24 16:52	
sec-Butylbenzene	ug/L	<0.42	1.0	04/25/24 16:52	
Styrene	ug/L	<0.36	1.0	04/25/24 16:52	
tert-Butylbenzene	ug/L	<0.59	1.0	04/25/24 16:52	
Tetrachloroethene	ug/L	<0.41	1.0	04/25/24 16:52	
Toluene	ug/L	<0.29	1.0	04/25/24 16:52	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/25/24 16:52	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	04/25/24 16:52	
Trichloroethene	ug/L	<0.32	1.0	04/25/24 16:52	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/25/24 16:52	
Vinyl chloride	ug/L	<0.17	1.0	04/25/24 16:52	
Xylene (Total)	ug/L	<1.0	3.0	04/25/24 16:52	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	04/25/24 16:52	
4-Bromofluorobenzene (S)	%	98	70-130	04/25/24 16:52	
Toluene-d8 (S)	%	96	70-130	04/25/24 16:52	

LABORATORY CONTROL SAMPLE: 2707576

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.3	113	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	48.4	97	70-130	
1,1,2-Trichloroethane	ug/L	50	49.6	99	70-130	
1,1-Dichloroethane	ug/L	50	46.6	93	70-130	
1,1-Dichloroethene	ug/L	50	39.4	79	73-140	
1,2,4-Trichlorobenzene	ug/L	50	49.2	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.4	93	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	53.7	107	70-130	
1,2-Dichlorobenzene	ug/L	50	51.6	103	70-130	
1,2-Dichloroethane	ug/L	50	52.6	105	70-130	
1,2-Dichloropropane	ug/L	50	47.3	95	77-127	
1,3-Dichlorobenzene	ug/L	50	51.9	104	70-130	
1,4-Dichlorobenzene	ug/L	50	52.3	105	70-130	
Benzene	ug/L	50	47.0	94	70-130	
Bromodichloromethane	ug/L	50	51.4	103	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

LABORATORY CONTROL SAMPLE: 2707576

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	56.8	114	70-130	
Bromomethane	ug/L	50	30.2	60	22-141	
Carbon tetrachloride	ug/L	50	52.9	106	70-135	
Chlorobenzene	ug/L	50	52.6	105	70-130	
Chloroethane	ug/L	50	34.4	69	59-141	
Chloroform	ug/L	50	55.8	112	80-124	
Chloromethane	ug/L	50	22.7	45	29-150	
cis-1,2-Dichloroethene	ug/L	50	53.6	107	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.9	94	70-130	
Dibromochloromethane	ug/L	50	55.8	112	70-130	
Dichlorodifluoromethane	ug/L	50	12.3	25	10-147	
Ethylbenzene	ug/L	50	50.0	100	80-125	
Isopropylbenzene (Cumene)	ug/L	50	53.3	107	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	48.3	97	64-131	
Methylene Chloride	ug/L	50	45.5	91	70-137	
o-Xylene	ug/L	50	49.6	99	70-130	
Styrene	ug/L	50	53.5	107	70-130	
Tetrachloroethene	ug/L	50	55.4	111	70-130	
Toluene	ug/L	50	49.1	98	80-120	
trans-1,2-Dichloroethene	ug/L	50	54.7	109	70-131	
trans-1,3-Dichloropropene	ug/L	50	47.5	95	70-130	
Trichloroethene	ug/L	50	52.9	106	70-130	
Trichlorofluoromethane	ug/L	50	47.3	95	69-141	
Vinyl chloride	ug/L	50	25.7	51	51-145	
Xylene (Total)	ug/L	150	152	101	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2707637 2707638

Parameter	Units	40277295001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.00030 mg/L	50	50	52.6	55.7	105	111	70-132	6	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.00025 mg/L	50	50	46.9	50.7	94	101	70-131	8	20	
1,1,2-Trichloroethane	ug/L	<0.00034 mg/L	50	50	48.0	50.8	96	102	70-130	6	20	
1,1-Dichloroethane	ug/L	<0.00030 mg/L	50	50	43.0	45.9	86	92	70-131	7	20	
1,1-Dichloroethene	ug/L	<0.00058 mg/L	50	50	36.7	39.5	73	79	69-146	7	20	
1,2,4-Trichlorobenzene	ug/L	<0.00095 mg/L	50	50	47.0	50.5	94	101	70-130	7	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2707637 2707638

Parameter	Units	40277295001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	<0.00036 mg/L	50	50	45.6	50.8	91	102	56-130	11	20	
1,2-Dibromoethane (EDB)	ug/L	<0.00031 mg/L	50	50	50.7	53.8	101	108	70-130	6	20	
1,2-Dichlorobenzene	ug/L	<0.00033 mg/L	50	50	49.2	52.0	98	104	70-130	5	20	
1,2-Dichloroethane	ug/L	<0.00029 mg/L	50	50	48.9	51.7	98	103	70-130	6	20	
1,2-Dichloropropane	ug/L	<0.00045 mg/L	50	50	44.2	47.4	88	95	77-129	7	20	
1,3-Dichlorobenzene	ug/L	<0.00035 mg/L	50	50	49.3	52.3	99	105	70-130	6	20	
1,4-Dichlorobenzene	ug/L	<0.00089 mg/L	50	50	50.1	51.9	100	104	70-130	3	20	
Benzene	ug/L	<0.00030 mg/L	50	50	44.3	46.7	89	93	70-130	5	20	
Bromodichloromethane	ug/L	<0.00021 mg/L	50	50	48.2	52.0	96	104	70-130	8	20	
Bromoform	ug/L	<0.00043 mg/L	50	50	52.5	57.0	105	114	70-130	8	20	
Bromomethane	ug/L	<0.0012 mg/L	50	50	33.8	37.5	68	75	12-159	10	26	
Carbon tetrachloride	ug/L	<0.00037 mg/L	50	50	50.1	52.8	100	106	70-135	5	20	
Chlorobenzene	ug/L	<0.00086 mg/L	50	50	49.9	52.2	100	104	70-130	5	20	
Chloroethane	ug/L	<0.0014 mg/L	50	50	33.1	34.6	66	69	56-143	4	20	
Chloroform	ug/L	<0.00050 mg/L	50	50	51.7	54.8	103	110	80-126	6	20	
Chloromethane	ug/L	<0.0016 mg/L	50	50	21.2	21.5	42	43	22-156	1	20	
cis-1,2-Dichloroethene	ug/L	0.00096J mg/L	50	50	51.7	53.7	102	105	70-130	4	20	
cis-1,3-Dichloropropene	ug/L	<0.00024 mg/L	50	50	44.7	47.7	89	95	70-130	7	20	
Dibromochloromethane	ug/L	<0.0026 mg/L	50	50	52.1	55.5	104	111	70-130	6	20	
Dichlorodifluoromethane	ug/L	<0.00046 mg/L	50	50	10.8	10.6	22	21	10-147	2	20	
Ethylbenzene	ug/L	<0.00033 mg/L	50	50	47.1	48.3	94	97	80-126	3	20	
Isopropylbenzene (Cumene)	ug/L	<0.0010 mg/L	50	50	50.0	52.3	100	105	70-130	5	20	
m&p-Xylene	ug/L	<0.00070 mg/L	100	100	95.3	98.2	95	98	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<0.0011 mg/L	50	50	44.5	48.4	89	97	64-136	9	20	
Methylene Chloride	ug/L	<0.00032 mg/L	50	50	43.3	44.7	87	89	70-137	3	20	
o-Xylene	ug/L	<0.00035 mg/L	50	50	47.2	48.8	94	98	70-130	3	20	
Styrene	ug/L	<0.00036 mg/L	50	50	50.1	51.7	100	103	70-133	3	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2707637 2707638

Parameter	Units	40277295001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Tetrachloroethene	ug/L	<0.00041 mg/L	50	50	52.1	54.9	104	110	70-131	5	20	
Toluene	ug/L	<0.00029 mg/L	50	50	46.4	49.0	93	98	80-121	5	20	
trans-1,2-Dichloroethene	ug/L	<0.00053 mg/L	50	50	50.6	54.9	101	110	70-135	8	20	
trans-1,3-Dichloropropene	ug/L	<0.00027 mg/L	50	50	45.1	48.2	90	96	70-130	7	20	
Trichloroethene	ug/L	<0.00032 mg/L	50	50	48.7	51.9	97	104	70-130	6	20	
Trichlorofluoromethane	ug/L	<0.00042 mg/L	50	50	44.1	46.0	88	92	67-142	4	20	
Vinyl chloride	ug/L	<0.00017 mg/L	50	50	24.9	25.1	50	50	45-147	1	20	
Xylene (Total)	ug/L	<0.0010 mg/L	150	150	142	147	95	98	70-130	3	20	
1,2-Dichlorobenzene-d4 (S)	%						98	97	70-130			
4-Bromofluorobenzene (S)	%						100	97	70-130			
Toluene-d8 (S)	%						98	97	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

QC Batch: 472907
QC Batch Method: EPA 3510
Analysis Method: EPA 8082A
Analysis Description: 8082A GCS PCB Low Volume
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40277273001

METHOD BLANK: 2708816 Matrix: Water
Associated Lab Samples: 40277273001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	<0.11	0.50	04/29/24 13:23	
PCB-1221 (Aroclor 1221)	ug/L	<0.11	0.50	04/29/24 13:23	
PCB-1232 (Aroclor 1232)	ug/L	<0.11	0.50	04/29/24 13:23	
PCB-1242 (Aroclor 1242)	ug/L	<0.11	0.50	04/29/24 13:23	
PCB-1248 (Aroclor 1248)	ug/L	<0.11	0.50	04/29/24 13:23	
PCB-1254 (Aroclor 1254)	ug/L	<0.11	0.50	04/29/24 13:23	
PCB-1260 (Aroclor 1260)	ug/L	<0.11	0.50	04/29/24 13:23	
Decachlorobiphenyl (S)	%	50	10-132	04/29/24 13:23	
Tetrachloro-m-xylene (S)	%	60	41-120	04/29/24 13:23	

LABORATORY CONTROL SAMPLE: 2708817

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L		<0.11			
PCB-1221 (Aroclor 1221)	ug/L		<0.11			
PCB-1232 (Aroclor 1232)	ug/L		<0.11			
PCB-1242 (Aroclor 1242)	ug/L		<0.11			
PCB-1248 (Aroclor 1248)	ug/L		<0.11			
PCB-1254 (Aroclor 1254)	ug/L		<0.11			
PCB-1260 (Aroclor 1260)	ug/L	5	4.5	90	70-120	
Decachlorobiphenyl (S)	%			58	10-132	
Tetrachloro-m-xylene (S)	%			65	41-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2708818 2708819

Parameter	Units	40277382001 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	<0.00011 mg/L			<0.11	<0.11					20	
PCB-1221 (Aroclor 1221)	ug/L	<0.00011 mg/L			<0.11	<0.11					20	
PCB-1232 (Aroclor 1232)	ug/L	<0.00011 mg/L			<0.11	<0.11					20	
PCB-1242 (Aroclor 1242)	ug/L	<0.00011 mg/L			<0.11	<0.11					20	
PCB-1248 (Aroclor 1248)	ug/L	<0.00011 mg/L			<0.11	<0.11					20	
PCB-1254 (Aroclor 1254)	ug/L	<0.00011 mg/L			<0.11	<0.11					20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2708818 2708819

Parameter	Units	40277382001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1260 (Aroclor 1260)	ug/L	<0.00011 mg/L	4.9	4.9	4.3	4.3	88	87	70-120	1	20	
Decachlorobiphenyl (S)	%						85	83	10-132			
Tetrachloro-m-xylene (S)	%						72	71	41-120			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

QC Batch: 472671
QC Batch Method: EPA 3510
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E Water PAH
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40277273001

METHOD BLANK: 2707107 Matrix: Water
Associated Lab Samples: 40277273001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	04/26/24 13:10	
2-Methylnaphthalene	ug/L	<0.014	0.050	04/26/24 13:10	
Acenaphthene	ug/L	<0.014	0.050	04/26/24 13:10	
Acenaphthylene	ug/L	<0.013	0.050	04/26/24 13:10	
Anthracene	ug/L	<0.018	0.050	04/26/24 13:10	
Benzo(a)anthracene	ug/L	<0.014	0.050	04/26/24 13:10	
Benzo(a)pyrene	ug/L	<0.013	0.050	04/26/24 13:10	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	04/26/24 13:10	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	04/26/24 13:10	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	04/26/24 13:10	
Chrysene	ug/L	<0.013	0.050	04/26/24 13:10	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	04/26/24 13:10	
Fluoranthene	ug/L	<0.026	0.050	04/26/24 13:10	
Fluorene	ug/L	<0.024	0.050	04/26/24 13:10	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	04/26/24 13:10	
Naphthalene	ug/L	<0.020	0.050	04/26/24 13:10	
Phenanthrene	ug/L	<0.026	0.050	04/26/24 13:10	
Pyrene	ug/L	<0.023	0.050	04/26/24 13:10	
2-Fluorobiphenyl (S)	%	62	38-120	04/26/24 13:10	
Terphenyl-d14 (S)	%	53	47-121	04/26/24 13:10	

LABORATORY CONTROL SAMPLE: 2707108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.5	73	57-120	
2-Methylnaphthalene	ug/L	2	1.4	72	55-120	
Acenaphthene	ug/L	2	1.4	72	60-120	
Acenaphthylene	ug/L	2	1.5	75	58-120	
Anthracene	ug/L	2	1.6	78	58-120	
Benzo(a)anthracene	ug/L	2	1.7	83	51-120	
Benzo(a)pyrene	ug/L	2	1.5	77	59-120	
Benzo(b)fluoranthene	ug/L	2	1.7	84	52-120	
Benzo(g,h,i)perylene	ug/L	2	1.8	88	62-120	
Benzo(k)fluoranthene	ug/L	2	1.6	81	59-120	
Chrysene	ug/L	2	1.6	80	55-125	
Dibenz(a,h)anthracene	ug/L	2	1.7	86	60-120	
Fluoranthene	ug/L	2	1.7	85	62-120	
Fluorene	ug/L	2	1.5	74	61-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.7	84	62-120	

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: 1690023383 BECHER ST
Pace Project No.: 40277273

LABORATORY CONTROL SAMPLE: 2707108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.5	73	55-120	
Phenanthrene	ug/L	2	1.6	78	55-120	
Pyrene	ug/L	2	1.4	68	53-120	
2-Fluorobiphenyl (S)	%			65	38-120	
Terphenyl-d14 (S)	%			64	47-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2707493 2707494

Parameter	Units	40277325003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	<0.018	2	2.1	1.3	1.4	66	69	32-120	7	25	
2-Methylnaphthalene	ug/L	<0.014	2	2.1	1.3	1.4	65	68	37-120	6	22	
Acenaphthene	ug/L	<0.014	2	2.1	1.4	1.5	68	71	52-120	7	20	
Acenaphthylene	ug/L	<0.013	2	2.1	1.4	1.5	70	73	49-120	6	20	
Anthracene	ug/L	<0.019	2	2.1	1.5	1.6	75	77	45-120	5	25	
Benzo(a)anthracene	ug/L	0.084	2	2.1	1.6	1.7	78	81	31-120	6	25	
Benzo(a)pyrene	ug/L	0.13	2	2.1	1.7	1.9	79	84	38-120	7	24	
Benzo(b)fluoranthene	ug/L	0.25	2	2.1	1.9	2.0	81	86	36-120	7	24	
Benzo(g,h,i)perylene	ug/L	0.14	2	2.1	1.8	2.0	85	89	43-120	7	23	
Benzo(k)fluoranthene	ug/L	0.099	2	2.1	1.6	1.7	76	80	46-120	8	21	
Chrysene	ug/L	0.17	2	2.1	1.7	1.9	77	82	39-143	8	23	
Dibenz(a,h)anthracene	ug/L	0.025J	2	2.1	1.7	1.7	82	83	32-125	4	22	
Fluoranthene	ug/L	0.32	2	2.1	2.0	2.3	86	95	56-120	11	21	
Fluorene	ug/L	<0.024	2	2.1	1.4	1.5	72	74	45-120	6	20	
Indeno(1,2,3-cd)pyrene	ug/L	0.14	2	2.1	2.0	2.1	93	95	42-120	5	23	
Naphthalene	ug/L	<0.020	2	2.1	1.3	1.4	65	68	50-120	7	23	
Phenanthrene	ug/L	0.12	2	2.1	1.6	1.8	75	80	47-120	9	21	
Pyrene	ug/L	0.21	2	2.1	1.6	1.8	68	76	47-120	12	23	
2-Fluorobiphenyl (S)	%						61	66	38-120			
Terphenyl-d14 (S)	%						62	65	47-121			

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: 1690023383 BECHER ST
Pace Project No.: 40277273

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 - The reported result is an estimated value.

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.

DL - Adjusted Method Detection Limit.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1q This sample was sub-sampled from a 1-liter jar for a 100 ml extraction.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690023383 BECHER ST
Pace Project No.: 40277273

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40277273001	**UST PIT GW**	EPA 3510	472907	EPA 8082A	472960
40277273001	**UST PIT GW**	EPA 3010A	472673	EPA 6020B	473005
40277273001	**UST PIT GW**	EPA 7470	473029	EPA 7470	473104
40277273001	**UST PIT GW**	EPA 3510	472671	EPA 8270E by SIM	472780
40277273001	**UST PIT GW**	EPA 8260	472747		

40277273

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

Pace Analytical™ www.pacelabs.com

Page: 1 of 1

Section A Required Client Information: Ramboll

Company:	~~O'Brien and Gere Engineering, Inc.~~
Address:	234 W. Florida St
	Milwaukee, WI
Email To:	~~GDSdata@OBG.com~~ Ric Maz
Phone:	~~262-719-5286~~ Fax:
Requested Due Date/TAT:	~~standard~~ Rush 3-Day TAT

Section B Required Project Information

Report To:	~~OBGdata@OBG.com~~
Copy To:	~~Brian Hennings~~
	rmazurkiewicz@ramboll.com
Purchase Order No.:	
Project Name:	~~City Gas Former MGP Site~~ Becher St
Project Number:	~~67904/404~~ 1690023383

Section C Invoice Information

Attention:	~~Brian Hennings~~ Ric Maz
Company Name:	~~O'Brien and Gere Engineering, Inc.~~ Ramboll
Address:	234 W. Florida St, Milwaukee, WI
Pace Quote Reference:	
Pace Project Manager:	Steve Mleczko
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WI

Section D Required Client Information

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): VOCs (8260)* N; PAHs (8270) N; PCBs N; N; N; N; Diss. RCRA Metals Y; Y

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOCs (8260)*	PAHs (8270)	PCBs				Diss. RCRA Metals		Residual Chlorine (Y/N)	Pace Project No./Lab I.D.
1	UST Pit GW	WT	G	NA	NA	4/23	9:00		6	2		1	3						X	X	X				X			001
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
~~EPA Level 2~~ Diss. RCRA Metals	Steven Kikkert / Ramboll	4/23/24	10:45							
~~Xylene Total~~ already filtered	C Lugsten	04/24/24	0915	Susan K Pace	04/24/24	0915	1.5	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Steven Kikkert

SIGNATURE of SAMPLER: Steve Kikkert DATE Signed (MM/DD/YY): 04/23/24

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days

F-ALL-Q-020rev.08, 12-Oct-2007

Client Name: Ramboll

Sample Preservation Receipt Form

Project # 40277273

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

Lab Lot# of pH paper: 1000134 Lab Std #ID of preservation (if pH adjusted):

Initial when completed: SW Date/Time:

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	Vials: VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001	1										1						3									1						X		2.5 / 5
002																																		2.5 / 5
003																																		2.5 / 5
004																																		2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007																																		2.5 / 5
008																																		2.5 / 5
009																																		2.5 / 5
010																																		2.5 / 5
011																																		2.5 / 5
012																																		2.5 / 5
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014																																		2.5 / 5
015																																		2.5 / 5
016																																		2.5 / 5
017																																		2.5 / 5
018																																		2.5 / 5
019				1																														2.5 / 5
020																																		2.5 / 5

04/24/24 SW

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	250mL amber glass Unpreserved
						GN 2	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40277273

40277273

Client Name: Rambell

Courier: ☒ GS 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 - 137 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 1.5 /Corr: 1.5

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

Person examining contents: Date: 04/24/24 /Initials: SC

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

Labeled By Initials: YN

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

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

APPENDIX B

RAMBOLL'S SITE-SPECIFIC OPERATING PROCEDURES

Soil Probe Sample Collection Methods

Groundwater samples will be collected from a direct-push drill rig boring. A direct-push drill rig consists of a hydraulic ram with a hydraulic hammer, the sampling probe, and driving rods. The sampling probe is a two-inch diameter and 5-foot long stainless steel tube into which a disposable polyethylene liner is inserted before each sampling event. The sampler is driven into the ground using the hydraulic ram or, the hammer when the hydraulic ram cannot exert enough pressure to continue to push the sampler into the ground. Before driving the sampler into the ground and between each sampling event, the stainless steel tube will be decontaminated as described below. A new, clean plastic sleeve will be inserted for each sampling event. The dedicated plastic sleeves are disposable and not reused.

Soil Sample Logging, Collection, and Handling

Following retrieval of the soil sample from the sampling device, a section of a sample intended for laboratory analysis will be contained. A portion of the sample will be immediately transferred to laboratory-provided containers, field preserved (if appropriate), labeled, placed in a plastic bag, sealed, and stored in an insulated container pending shipment to the laboratory.

The remaining sample will be classified following the American Society for Testing and Materials Method D-2487, with reference to method D-2488 as appropriate. The descriptions may include information about soil type (Unified Soil Classification System code), grain size distribution, gradation, color, odor, moisture content, consistency, grain shape, lithology (if applicable), and other content, structure, mottling, and layering, as appropriate.

Soil samples will be collected for the following analyses:

1. Volatile organic compounds (United States Environmental Protection Agency Test Method 8260B) will consist of 10 grams of soil placed into a laboratory-provided 40-milliliter glass vial with Teflon septa. Each laboratory-provided vial will contain a pre-measured amount of trap-grade methanol as a preservative that is consistent with the US EPA SW-846 Method 8260B collection protocol.

2. Polynuclear aromatic hydrocarbons (United States Environmental Protection Agency Test Method 8310), and

3. Polychlorinated biphenyls (United States Environmental Protection Agency Test Method 8082) will be packed into a laboratory-provided 4-ounce glass jar with Teflon™ septa.

4. Resource Conservation and Recovery Act metals[1] samples will be placed in laboratory-provided 4-ounce plastic containers and securely capped.

All of the sample containers and jars will be securely sealed, and labeled with the sample identification, date of collection, and intended analysis. The sample containers will be immediately placed in resealable plastic bags and stored on ice in an insulated container. A laboratory-provided methanol trip blank

[1] Arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver.

accompanied the samples inside the sample container containing volatile organic compounds. The methanol trip blank will be analyzed for volatile organic compounds by test Method 8260B. All samples will be shipped to Pace Analytical Services, LLC, located in Green Bay, Wisconsin (Wisconsin certification 405132750). Field notes will be taken to document all sampling locations and procedures.

Photoionization Screening

Soil samples will be screened using a Photovac MiniRae 3000 photoionization detector (maximum reading 2,000 Instrument Units, which are equivalent to parts per million, based on lamp energy and instrument calibration). The photoionization detector will be equipped with a 10.6 electron volt electrodeless discharge lamp and will be calibrated using 100 parts per million isobutylene in air gas standard. The photoionization detector will be field-zeroed and calibrated according to the manufacturer's specifications before use.

Soil samples to be screened with a photoionization detector will be allowed to warm to at least approximately 70 degrees Fahrenheit, to allow for organic compounds to volatilize. The bag will be opened enough for the probe of the photoionization detector to be inserted and the bag resealed around the probe. The photoionization detector will remain within the sample bag until the readings become steady or consistently decline. Peak photoionization detector readings will be recorded for each sample. The readings will be recorded in instrument units, which are equivalent to parts per million, based on the instrument lamp energy and calibration.

Temporary Monitoring Well Installation and Developing

Borings to be completed as an above-grade, temporary groundwater monitoring well will have polyvinyl chloride (PVC) well screen and riser installed directly into the 2-inch diameter direct push open soil boring. The wells will be constructed using a 1-inch diameter, flush thread Schedule 40 PVC riser pipe and 10 feet of 1-inch diameter PVC factory cut (0.010-inch) slotted well screen, placed to intersect the water table. Each temporary monitoring well will be developed with a peristaltic pump equipped with disposable polyethylene tubing to remove residual materials remaining in the wells after installation and to re-establish the natural hydraulic flow conditions of the formations, which have been disturbed by the direct-push boring activities.

Groundwater Elevation Measurements

Measurements will be made using a Heron electronic water level sensor; model ET094 (accuracy 0.01 foot) or similar. The wells will be opened and allowed to equilibrate before taking measurements and the well casing will be wiped clean and the survey measure mark on the top of the casing noted. The probe will be lowered carefully into the well and the depth to water will be measured from the survey mark at the top of the well casing. The depths will be recorded on site-specific groundwater monitoring forms.

Low-Flow Groundwater Sample Collection

The monitoring wells (temporary and permanent) will be sampled employing low-flow groundwater sampling techniques, which involve utilizing a peristaltic pump with disposable polyethylene tubing and a multiparameter sonde (In Situ Aqua Troll 600). The purging and stabilization data will be stored in a tablet computer every 2 minutes during well purging, before the collection of groundwater samples. The low-flow groundwater sampling technique is the preferred method for sampling because it has been

shown to produce more consistent groundwater data quality. If a well does not support low-flow sampling, the well will be sampled with a 0.75-inch polyethylene single-use bailer with a bottom emptying device. When using either a pump or a bailer, the tubing or bailer will be lowered slowly into the well to limit sample disturbance and turbidity.

The disposable polyethylene tubing will be lowered into the well so that the bottom of the tubing is at the approximate center of the saturated screened interval within the well. The pump will be turned on and purging initiated at a flow rate that allows the water level of the well to remain near its static level to prevent cascading of the water down the well screen so that aeration of the water sample is reduced. Low-flow purging starts at a rate of less than 500 milliliters per minute and low-flow sampling commences at a purging rate of less than 100 milliliters per minute with monitoring indicator parameters for stability measured in a closed flow-through cell. Wells with lower transmissivity are sampled at lower flow rates (100 millilitres per minute or less). Field measurements of water quality parameters, including temperature, dissolved oxygen, potential hydrogen (pH), specific conductivity, oxidation-reduction potential, and turbidity will be recorded approximately every 2 minutes during well purging, before the collection of groundwater samples. The groundwater samples will be collected upon stabilization of the groundwater quality parameters, which typically occurs when three consecutive readings of the stabilization parameters are within the following ranges: turbidity is less than 5 nephelometric turbidity units, dissolved oxygen is ± 0.2 milligram per liter, conductivity is ± 5.0 microsiemens per centimeter, temperature is ± 0.1 °Celsius, oxidation-reduction potential is ± 30 millivolts and pH is ± 0.1 standard unit.

Stable dissolved oxygen, specific conductance, and turbidity readings are considered the most reliable parameters for indicating that stagnant water has been replaced by formation water. The ± ranges and indicator parameters used to indicate that formation water is sampled can be adjusted to reflect site-specific data, geochemistry, and hydrogeologic conditions. A well will be considered stabilized and ready to be sampled after the field measurements of water quality parameters have stabilized or the well has been purged a minimum of four well volumes (if parameter stabilization cannot be achieved).

Groundwater Sample Collection And Handling

Groundwater samples will be collected for the following analyses:

1. Volatile organic compounds (United States Environmental Protection Agency Test Method 8260B) will be collected in three laboratory-provided 40-milliliter glass vials with Teflon™ septa. Each laboratory-provided vial will contain a pre-measured amount of hydrochloric acid as a preservative that is consistent with the volatile organic compounds Method 8260 collection protocol. The samples will be filled until a positive meniscus is formed over the mouth of the vial and securely capped. The vials will be inverted, firmly tapped, and examined for air bubbles. If bubbles are found, the sample will be discarded and a new sample will be collected.

2. Polynuclear aromatic hydrocarbons (United States Environmental Protection Agency Test Method 8310) and polychlorinated biphenyls (United States Environmental Protection Agency Test Method 8082) will be collected in two laboratory-provided 100-milliliter unpreserved amber glass jars with a Teflon™ lined caps. The samples will be filled to the shoulder of the jar and securely capped.

3. Resource Conservation and Recovery Act metals (United States Environmental Protection Agency Test Methods 6010B/245.5) will be collected in laboratory-provided 250-milliliter plastic containers

with Teflon™ lined caps. Each laboratory-provided container will contain a pre-measured amount of nitric acid as a preservative that is consistent with the EPA Method 200.9 collection protocol. Each groundwater sample for metals analysis will be field filtered through a 0.45-micron size filter utilizing a peristaltic pump before nitric acid preservation. A new length of silicone tubing and a new filter capsule will be used for each sample. The samples will be filled to the shoulder of the container and securely capped.

4. Polychlorinated biphenyls (United States Environmental Protection Agency Test Method 8082A) will be collected in two laboratory-provided 100-milliliter unpreserved glass bottles with Teflon™ lined caps. The samples will be filled to the shoulder of the container and securely capped.

Following sample collection, the samples will be labeled with the sample identification, date of collection, and intended analysis. The samples will be immediately placed in resealable plastic bags and stored on ice in an insulated container. All samples will be shipped to Pace Analytical Services, LLC, located in Green Bay, Wisconsin (Wisconsin certification 405132750). Field notes will be taken to document all sampling locations and procedures.

Decontamination Procedures

The driller or Ramboll will disassemble the equipment. The equipment will be scrubbed inside and out with a weak non-phosphate detergent (e.g., Alquinox®, Liquinox®, and water solution). The equipment will be visually inspected to ensure no visible contamination is present. The equipment will be thoroughly rinsed with organic-free tap water. The equipment will be reassembled, if applicable, and kept and transported in clean plastic, aluminum foil, or a container that will protect the equipment from extraneous contamination.

Ramboll field personnel will wear Nitrile gloves between each discreet sample collected to eliminate the potential for cross-contamination between sampling locations. Field personnel will remove the disposable Nitrile gloves after collection of each sample. Used Nitrile gloves, and sampling debris (e.g. paper towels, plastic sample bottle bags, and plastic soil sampling syringes) will be discarded in the general refuse dumpster on-site.

Soil Boring / Temporary Well Abandonment

Each soil boring and temporary well will be abandoned after soil and groundwater sampling activities are completed. The temporary well screens will be completely removed from the borings and the borings will be filled with 3/8-inch chipped bentonite swelling clay. Each boring will be filled to the surface and the bentonite chips will be tamped down with a drilling rod to ensure there will be no settling.

Sample Custody Procedures

Sample custody procedures will be designed to comply with US EPA and National Enforcement Investigation Council requirements for sample control. Sample tracking, security, and chain of custody procedures provide a legal record of sample transport, possession, and handling. Samples collected during the site investigation will be the responsibility of identified persons from the time they are collected until they or their derived data are incorporated into the final report. Stringent chain-of-custody procedures will be followed to maintain and document sample possession.

Chain-of-custody forms will be completed before sample shipment. Chain-of-custody forms include the following information:

- Sample identification;
- Date collected;
- Source of the sample (including the type of sample and site identification);
- Requested analyses and preservatives; and
- Sampler name.

The forms will be filled out in a legible manner using waterproof ink and will be signed by the sampler. Similar information will be provided on the sample label, which will be securely attached to the sample bottle. A chain-of-custody record always accompanied the samples. When transferring samples, the individuals relinquishing and receiving them signed, dated, and noted the time on the record. A copy of the custody record will be retained by the field sampler and will be filed upon return to the office. Shipping custody seals will be used on the coolers used for shipping and will contain the sampler's signature, date, and time.

Field and Laboratory Quality Assurance / Quality Control Methods

One field duplicate will be collected for every 10 samples or less. The field duplicate will be collected from the most contaminated well[2], if possible, and will be analyzed for the same parameters as the samples. If using a grab sampler e.g., bailer, the duplicate will be collected from the same bailer of water as the original sample is collected. One trip blank will accompany every cooler containing volatiles (VOCs) samples. Trip blanks will be included by the laboratory and be prepared with laboratory reagent-grade water. Trip blanks will be analyzed by the same laboratory that is analyzing the volatile samples. A data quality package Level II Data Quality Objective will be selected for all the laboratory report deliverables.

Source Area (Oil Sheen) and Soil Sample Location Survey

Ground elevations of oil-sheen, UST, temporary monitoring wells, and all soil sample locations will be surveyed by Ramboll personnel using an RTK GPS-Trimble GeoXH #5 (Model 7x) handheld receiver[3]. The survey data will be incorporated into this and future reports as appropriate.

Ramboll Field Decontamination Procedures

Ramboll field personnel donned Nitrile gloves between each discreet sample that will be collected to eliminate the potential for cross-contamination between sampling locations. Field personnel removed the disposable Nitrile gloves after collection of each soil sample. Used Nitrile gloves, and sampling debris

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[2] But not from any well containing free product.

[3] Horizontal 3 millimeters [mm] + 0.5 part per million [ppm] root mean square [RMS]; vertical 3.5 mm + 0.5 ppm RMS.

(e.g. paper towels, plastic sample bottle bags, and plastic soil sampling syringes) will be discarded in the general refuse dumpster on-site.

Investigative waste

Residual soils not collected for screening or laboratory analysis and soil cuttings from monitoring well installation activities and groundwater from monitoring well development and purging activities will be placed in Department of Transportation-compliant 55-gallon drums and stored on-site. All drums will be labeled, secured, and will be properly disposed of once the soil and groundwater are appropriately profiled.

APPENDIX C

TSSA FORMS TR-WM-140 and TR-WM-137

TR-WM-140 (11/23) Formerly ERS-8951

Wisconsin Department of Agriculture, Trade and Consumer Protection
Bureau of Weights and Measures
P.O. Box 7837, Madison, WI 53707-7837
(608) 224-4942

Wis. Admin. Code § ATCP 93.560

FOR OFFICE USE ONLY

TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

Completion of this form is mandatory. Failure to complete this form is subject to enforcement action under Wis. Admin. Code ch. ATCP 93. *Personal information you provide may be used for purposes other than that for which it was originally collected (Wis. Stat. § 15.04(1)(m)).*

Complete One Form for Each System Service Event.

FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX

CHECK ONE: ☒ **UNDERGROUND** ☐ **ABOVEGROUND**

Part A – To be completed by contractor performing repair or closure

A. TYPE OF SERVICE ☒ CLOSURE ☐ REPAIR/UPGRADE ☐ CHANGE-IN-SERVICE

Indicate portion of system being serviced if a repair, upgrade or change-in-service is being performed

☐ Remote fill ☐ Tank ☐ Piping ☐ Transition/containment sump ☐ Spill bucket ☐ Dispenser

B. IDENTIFICATION

OWNER INFORMATION

OWNER NAME	CONTACT NAME	TITLE
SR Mills, Authorized Member	SR Mills	Authorized Member

MAILING ADDRESS	☒ CITY ☐ TOWN ☐ VILLAGE	STATE	ZIP
4011 80th Street	Kenosha	WI	53142

TELEPHONE:	E-MAIL
(262) 842 - 0452	smills@bearrealty.com

SITE INFORMATION

FACILITY NAME
FS APARTMENTS LLC

SITE ADDRESS (Not PO Box)	☒ CITY ☐ TOWN ☐ VILLAGE	STATE	ZIP
147 East Becher Street	Milwaukee	WI	53207

SERVICE CONTRACTOR INFORMATION

PRIMARY SERVICE CONTRACTOR Section A Above	SERVICE CONTRACTOR CERT ID #	TELEPHONE:	CELL:
Saftey Kleen, Inc.		(262) 549 - 3011	( ) -

STREET ADDRESS	☒ CITY ☐ TOWN ☐ VILLAGE	STATE	ZIP
2200 South West Avenue	Waukesha	WI	53189

C. TANK SYSTEM DETAIL (Complete for all service activities)

a	b	c	d	e	f	g		h	
Tank ID #	Type of Closure[1]	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gallons)	Contents[2]	Release - System Integrity Compromised (e.g. holes, cracks, loose connection,		If "Yes" to "g", Then Specify Source and Cause of Release[5] Source of Release[3]	Cause of Release[4]
Unregistered	P	Steel	Steel	575	Unknown	☐ Yes	☒ No		UNK
						☐ Yes	☐ No		
						☐ Yes	☐ No		
						☐ Yes	☐ No		
						☐ Yes	☐ No		
						☐ Yes	☐ No		

1. Indicate type of closure: P = Permanent, TOS = Temporarily Out-of-Service, CIP = Closure In-Place

2. Indicate type of product: DL = Diesel, LG = Leaded Gasoline, UG = Unleaded Gasoline, FO = Fuel Oil, GH = Gasohol, AF = Aviation Fuel, K = Kerosene, PX = Premix, WO = Waste/Used Motor Oil, FCHZW = Flammable/Combustible Hazardous Waste, OC = Other Chemical (indicate the chemical name(s):

3. CAS number(s):

4. Source of release: T = tank, P = piping, D = dispenser, STP = submersible turbine pump, DP = delivery problem, O = other, UNK = Unknown

5. Cause of release:
S = spill, O = overfill, POMD = physical or mechanical damage, C = corrosion, IP = installation problem, O = other, UNK = Unknown

6. Has release been reported to the Department of Natural Resources? ☒ Yes ☐ No ☐ Release not evident at this time (pending sample analysis)

Part A Distribution: DATCP DNR Inspector Contractor Owner

D. CLOSURES (Check applicable box at right in response to all statements in section D)

Written notification was provided to the local agent 5 days in advance of closure date. ☐ Yes ☒ No

All local permits were obtained before beginning closure. ☐ Yes ☒ No ☒ NA

☐ UST Form TR-WM-137 or ☐ AST Form TR-WM-118 filed by owner with the DATCP indicating closure. ☐ Yes ☐ No ☐ NA

NOTE: *TANK INVENTORY FORM TR-WM-137 or TR-WM-118 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST*

D. ☐ CLOSURE BY REMOVAL OR IN-PLACE

1. General Requirements	Remover Verified	Inspector Verified	Inspector Not Present	NA
a. Product from piping drained into tank (or other container).	☐ Y ☐ N	☐ Y ☐ N	☐	☒
b. Piping disconnected from tank and removed.	☐ Y ☐ N	☐ Y ☐ N	☐	☒
c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps prior to removing tank from excavation.	☐ Y ☐ N	☐ Y ☐ N	☐	☒
d. All pump motors and suction hoses bonded to tank or otherwise grounded.	☐ Y ☐ N	☐ Y ☐ N	☐	☒
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☐ Y ☐ N	☐ Y ☐ N	☐	☒
f. Vent lines left connected until tanks purged.	☐ Y ☐ N	☐ Y ☐ N	☐	☒
g. Tank openings temporarily plugged so vapors exit through vent.	☐ Y ☐ N	☐ Y ☐ N	☐	☒
h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	☐ Y ☐ N	☐ Y ☐ N	☐	☒
2. Specific Closure-by-Removal Requirements				
a. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.	☐ Y ☐ N	☐ Y ☐ N	☐	☒
b. Tank cleaned before being removed from site.	☐ Y ☐ N	☐ Y ☐ N	☐	☒
c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.	☐ Y ☐ N	☐ Y ☐ N	☐	☐
NOTE: *COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL*				
d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	☐ Y ☐ N	☐ Y ☐ N	☐	☒
e. Site security is provided while the excavation is open.	☐ Y ☐ N	☐ Y ☐ N	☐	☒
3. Specific Closure-In-Place Requirements				
NOTE: *CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.*				
a. Tank properly cleaned to remove all sludge and residue.	☐ Y ☐ N	☐ Y ☐ N	☐	☒
b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank	☐ Y ☐ N	☐ Y ☐ N	☐	☒
c. Vent line disconnected or removed.	☐ Y ☐ N	☐ Y ☐ N	☐	☒
d. Inventory form filed by owner with DATCP indicating closure in-place.	☐ Y ☐ N	☐ Y ☐ N	☐	☒

E. ☐ REPAIR, UPGRADE OR CHANGE-IN-SERVICE

Written notification was provided to the local agent 5 days in advance of service date.	☐ Y ☐ N	☒ NA	
All local permits were obtained before beginning service.	☐ Y ☐ N	☒ NA	
Form TR-WM-137 or 0 TR-WM-118 filed by owner with DATCP indicating change-in-service.	☐ Y ☐ N	☒ NA	

F. METHOD OF VAPOR FREEING OF TANK

☐ Displacement of vapors by eductor or diffused air blower.

Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.

☐ Inert gas using dry ice or liquid carbon dioxide.

☐ Inert gas using CO_2 or N_2 **NOTE***: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNCTION ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.*

Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.

Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☐ Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank from ground.

☐ Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.

☐ Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank.

G. REMOVER/CLEANER INFORMATION

REMOVER/CLEANER NAME (PRINT):	REMOVER/CLEANER SIGNATURE	CERTIFICATION #	DATE TANK REMOVED

I attest that the procedures and information which I have provided as the tank closure contractor are correct and comply with Wis. Admin. Code ch. ATCP 93.

Company expected to perform soil contamination assessment Ramboll Americas Engineering Solutions, Inc. (Milwaukee, WI)

H. INSPECTOR INFORMATION

INSPECTOR NAME (PRINT):	INSPECTOR SIGNATURE	INSPECTOR CERTIFICATION #	COMPANY NAME

FDID # FOR LOCATION WHERE INSPECTION PERFORMED	INSPECTOR TELEPHONE:NUMBER	DATE SIGNED
	( ) -	

INSPECTOR NOTES:

Distribution: DATCP DNR Inspector Contractor Owner

TR-WM-140 (11/23) Formerly ERS-8951

Part B – To be completed by environmental professional - Submit *original* Part B to the WDNR along with a *copy* of Part A

I. TANK-SYSTEM SITE ASSESSMENT (TSSA)

SITE NAME - ***Note: SITE NAME and address MUST MATCH with Part A Section 1.***

FS APARTMENTS LLC

SITE ADDRESS (Not PO Box)	☐ CITY ☐ TOWN ☐ VILLAGE	STATE	ZIP
147 East Becher Street	Milwaukee	WI	53207

To determine if a TSSA is required, see Wis. Admin. Code ch. ATCP 93 and section II part B of *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

If a TSSA is required, then follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS*

1. Site Information

a. Has there been a previously documented release at this site? ☒ Yes ☐ No

If yes, provide the DATCP # or DNR Bureau for Remediation and Redevelopment Tracking System (BRRT's #) 02-41-589088

b. Number of active tanks at facility prior to completion of current services: USTs Unknown ASTs None

(**NOTE 1**: *Do not include previously closed systems or system components*.)

c. Excavation/trench dimensions (in feet). (Photos must be provided.)

EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH
1	24	7	6

2. Visual Excavation/Trench Inspection (Photos must be provided for "Yes" responses, except item b.)

Do any of the following conditions exist in or about the excavation(s)?

a. Stained soils: ☐ Yes ☒ No | b. Petroleum odor: ☒ Yes ☐ No | c. Water In excavation/trench: ☒ Yes ☐ No

d. Free product in the excavation/trench: ☐ Yes ☒ No | e. Sheen or free product on water: ☐ Yes ☐ No

3. Geology/Hydrogeology

a. Depth to groundwater 4.5 feet | b. Indicate type of geology[2] Fill (foundry sand, slag, and pieces of brick)

4. Receptors

a. Water supply well(s) within 250 feet of the facility? ☐ Yes ☒ No | If yes, specify:

b. Surface water(s) within 1000 feet of the facility? ☒ Yes ☐ No | If yes, specify: Kinnickinnic River

5. Sampling

a. Follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

b. Complete Tables 1 and 2 as appropriate. (Attach chain-of-custody and laboratory analytical reports.)

c. Attach a detailed map of site features and sample locations.

J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

Distribution: DATCP DNR Inspector Contractor Owner

TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below Tank/Piping (feet)	Field Screening Result (ppm)	GRO (mg/kg)	DRO (mg/kg)
		Grab	Shelby Tube	Direct Push	Split Spoon				
SW-01	South Side Wall - Fill	☒	☐	☐	☐	4	0.0		
SW-02	West Side Wall - Fill	☒	☐	☐	☐	4	0.0		
SW-03	North Side Wall - Fill	☒	☐	☐	☐	4	0.0		
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE ug/kg	TOLUENE ug/kg	ETHYLBENZENE ug/kg	MTBE ug/kg	TRIMETHYL - BENZENES (TOTAL) ug/kg	XYLENES (TOTAL) ug/kg	NAPHTHALENE ug/kg
SW-01	<19.4	23.5	<19.4	NA	<50.6	36.5	<34.4
SW-02	<17.7	71.1	30.5	NA	<53.3	281	86.3
SW-03	<18.1	26.6	30.9	NA	<47.2	182	<32.0

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

☐ As a tank-system site assessor certified under Wis. Admin. Code § ATCP 93.240, it is my opinion that there is no indication of a release of a regulated substance to the environment.

☒ Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code § ATCP 93.585(2)(a) and Wis. Stat. § 292.11(2)(a), the owner or operator or contractor performing work under ch. ATCP 93 shall immediately report any release of a regulated substance to the Wisconsin Department of Natural Resources. Failure to do so may result in forfeitures of a minimum of $10 and a maximum of $5000 for each violation under Wis. Stat. § 168.26(5). Each day of continued violation and each tank are treated as separate offenses.

Emily Ruder		523640
TANK-SYSTEM SITE ASSESSOR NAME (PRINT):	TANK-SYS TEM SITE ASSESSOR SIGNATURE	CERTIFICATION NO.

(414) 249 - 678	5/14/2024	Ramboll Americas Engineering Solutions, Inc.
TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER	DATE SIGNED	COMPANY NAME

TR-WM-137 (11/23) Formerly ERS 7437

Wisconsin Department of Agriculture, Trade and Consumer Protection
Bureau of Weights and Measures
PO Box 7837 Madison, WI 53707-7837
(608) 224-4942

FOR OFFICE USE ONLY

Wis. Admin. Code §ATCP 93.140

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered.
A separate form is needed for each tank. Send each completed form to the agency designated above.

Have you previously registered this tank by submitting a form? ☒ Yes ☐ No If yes, are you correcting/updating information only? ☐ Yes ☐ No

This registration applies to a ☒ tank ☒ piping status that is *(check all that apply):* Date of status change: April 17, 2024

☐ In Use ☐ Abandoned with Water ☐ Abandoned with Product
☐ Newly Installed ☒ Closed - Removed ☐ Abandoned without Product (empty)
☐ Temporarily Out of Service – Provide Date: ☐ Closed – Filled with Inert Materials ☐ Change of Site/Facility Address Only (complete boxes 1.a. and b. below)
☐ Ownership Change (Indicate new owner name in box *2 -- attach deed)*

IDENTIFICATION (Please Print)

1. TANK SITE NAME FS Apartments, LLC	COUNTY Milwaukee	PHONE (262) 842 - 0452	
a. CURRENT SITE STREET ADDRESS 147 East Becher Street	☒ CITY ☐ VILLAGE ☐ TOWN OF: Milwaukee	STATE WI	ZIP 53207
b. PREVIOUS SITE STREET ADDRESS	☐ CITY ☐ VILLAGE ☐ TOWN OF:	STATE	ZIP
Fire Dept. providing fire coverage where tank is located: ☐ CITY ☐ TOWN ☐ VILLAGE of:			
2. TANK OWNER LEGAL NAME FS Apartments, LLC	COUNTY Kenosha	PHONE: Check ☒ CELL or ☐ LAND (262) 842 - 0452	
MAILING ADDRESS 4011 80th Street	☒ CITY ☐ VILLAGE ☐ TOWN OF: Kenosha	STATE WI	ZIP 53142
3. PROPERTY OWNER NAME *(if different from Tank Owner Legal Name #2)*	COUNTY *(if different from County #2)*		
PROPERTY OWNER ADDRESS *(if different from Site Street Address #1)*	☐ CITY ☐ VILLAGE ☐ TOWN OF:	STATE	ZIP

4. CLASS **A** NAME	DOB	CERTIFICATION: (Attach certificate)
5. CLASS **B** NAME	DOB	CERTIFICATION: (Attach certificate)

SITE ID:	**FACILITY ID #** 241186880	**CUSTOMER ID #**
Tank Capacity (gallons): 575	Tank Age (age or date installed): unknown	Vehicle fueling: ☒ Yes ☐ No

LAND OWNER TYPE *(Refer to back; check one):* ☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

OCCUPANCY TYPE *(check one)* Refer to back
☐ Retail Fuel Sales ☐ Mercantile/Commercial ☐ Bulk Storage ☐ Terminal Storage ☐ Industrial ☐ Residential ☐ School ☐ Government Fleet
☐ Agricultural (crop or livestock production) ☐ Utility ☐ Backup or Emergency Generator ☒ Other (specify): unknown

TANK CONSTRUCTION:
☒ Bare Steel ☐ Coated Steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): ☐ Lined (date):

Overfill Protection? ☐ Yes ☒ No
Spill Containment? ☒ Yes ☐ No
Tank Double Walled? ☐ Yes ☒ No

TANK CATHODIC PROTECTION: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A

TANK LEAK DETECTION METHOD: ☐ Automatic tank gauging ☐ Interstitial monitoring ⇨ Electronic ☐ Yes ☐ No ☐ Statistical Inventory Reconciliation (SIR)
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☒ Unknown

PIPING CONSTRUCTION: ☒ Single Wall ☐ Double Wall:
☒ Bare Steel ☐ Coated Steel ☐ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ N/A ☐ Other:

PIPING CATHODIC PROTECTION: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A

PRIMARY PIPING SYSTEM TYPE: ☐ Pressurized piping with ⇨ ☐ A. Pump auto shutoff - ELLD ☐ B. Flow restrictor – MLLD ☒ Unknown
☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

PIPING LEAK DETECTION METHOD: ☐ Interstitial monitoring ⇨ Electronic ☐ Yes ☐ No ⇨ Sump or cable sensor ☐ Yes ☐ No
☐ Tightness testing ☐ Electronic line monitor - ELLD ☐ SIR ☐ Not required ☒ Unknown

TANK CONTENTS *Current, or previous product (if tank now empty) (* = NOT PECFA eligible)* ☐ Leaded ☐ Unleaded ☐ Gas-ethanol blend: ___ % ethanol ☐ Diesel
☐ Bio-Diesel: ___ % ☐ Hazardous Waste/Interface* ☐ Kerosene ☐ Fuel Oil ☐ Premix ☐ New Oil ☐ New oil – Flash point less than 200^{0}F
☐ Waste/Used Motor Oil ⇨ ☐ Used for Heating ☐ Aviation ☐ Empty* ☐ Sand/Grave/Slurry* ☒ Unknown
☐ Other (specify): ☐ Chemical* Name: CAS#

Has a site assessment been completed? *(see reverse side for details)* ☒ Yes ☐ No

TANK OWNER LEGAL NAME (please print) SR Mills, Authorized Member	TANK OWNER E-MAIL smills@bearrealty.com

TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)	DATE:

Note: Refer to comments on reverse side of form.

Definitions and explanations for completing this form

Land Owner Type - classifies the organization that owns the property the tank is located on. A "Private" landowner is residential, commercial, mercantile, industrial, farm, non-government owned public utility, or other business organization.

Occupancy Type *(categories below)* – identifies the occupancy in relation to ATCP 93 storage classifications.

Retail Fuel Sales	Tank is used to store any fuel product that is offered for sale in the retail market.
Bulk Plant Storage	Tank is used to store any fuel product that is offered for sale in the wholesale market.
Industrial	Tank is used to store any regulated product associated with an industrial: fleet, heating, industrial fabricating, manufacturing, processing or refining.
Mercantile/Commercial	Tank is used to store any regulated product associated with a commercial business fleet, heating, or processing, e.g., service company, medical facility, freight, airport, apartment, etc.
Utility	Tank is used to store any regulated product associated with a public or private water or power utility fleet, heating, or processing.
Residential	Tank is used to store any regulated product for residential heating or residential automobile fueling.
School	Tank is used to store any regulated product at public or private primary, secondary or higher educational institution.
Agricultural	Tank is used to store any regulated product directly associated with crop or livestock production, meaning a "farm." Refer to ATCP 93.050(48)
Back-up or Emergency Generator	Tank is used to store any fuel used to power a backup or emergency generator; or as back-up to a primary fuel source such as fuel oil back-up to a natural gas fired boiler.
Terminal Storage	Tank is associated with a distribution facility such as an interstate pipeline. These tanks are typically field erected structures of 500,000 + gallon capacity. A million gallon tank at an ethanol production site would be "industrial," not "terminal storage."
Government Fleet	Tank is located at a facility owned and operated by a federal, state, county or local government entity. The tank may be used for vehicle fueling, waste oil or heating purposes.

CLOSURE ASSESSMENT INFORMATION

Requirements for a site assessment at the closure or change in service for ATCP 93 regulated underground storage tank are outlined in ATCP 93.560 and the Federal Register, 40 CFR 280 and 281.

Closure site assessments (TSSA Form Part B) are to be submitted to the DNR as required in the TSSA Guide: http://datcp.wi.gov/Consumer/Weights_and_Measures/Storage_Tank_Regulations/index.aspx

This document can be made available in alternate formats to individuals with disabilities upon request.