Lauridsen, Keld B - DNR

From: Patrick Patterson <patrick.patterson@intertek.com>
Sent: Wednesday, August 14, 2024 3:49 PM
To: Lauridsen, Keld B - DNR
Subject: RE: Groundwater monitoring update - BMO Harris Bank Branch (BRRTS # 02-05-585287)

Hi Keld,
I have forwarded your email to BMO (Joaquin Camacho and Peter Helming) and told them that I'll get them a proposal tomorrow for closure. If they give approval ASAP, I should be able to complete and submit by end of September. I'll be going parttime in October and not doing environmental services anymore. So, once closure is approved, you'll need to go through Larry Raether for anything else additional.
Thanks
Pat

Patrick J. Patterson, P.G.
Senior Geologist
Building & Construction
Intertek-PSI

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Intertek-PSI, 821 Corporate Court, Waukesha, WI 53189

From: Lauridsen, Keld B - DNR <Keld.Lauridsen@wisconsin.gov>
Sent: Wednesday, August 14, 2024 3:26 PM
To: Patrick Patterson <patrick.patterson@intertek.com>
Cc: Nate Smith <nate.smith@badgerlandbadge.com>; Rebecca Finco <Rebecca.Finco@greenbaywi.gov>; Matthew Buchanan <Matthew.Buchanan@greenbaywi.gov>; Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Subject: [External] Groundwater monitoring update - BMO Harris Bank Branch (BRRTS # 02-05-585287)

Hi Patrick,

Thank you for submitting the groundwater monitoring update received on July 2, 2024, for the above site.

DNR has reviewed the available analytical results for this site and would recommend that a closure request be prepared for review.

Based on the future development plans for the current property owner, it is recommended that the closure request be prepared as soon as possible so the proposed site work involving potential cap modifications and monitoring well abandonment can proceed in late October, if at all possible.

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

Thanks,

-Keld

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

From: no-reply@wisconsin.gov <no-reply@wisconsin.gov>
Sent: Tuesday, July 2, 2024 2:27 PM
To: DNR RR NER <DNRRRNER@wisconsin.gov>
Cc: Lauridsen, Keld B - DNR <Keld.Lauridsen@wisconsin.gov>
Subject: 0205585287: Status Update Report

Please do not reply to this email.

BRRTS #: 0205585287
Site Name: BMO HARRIS BANK BRANCH
Type of Report: Status Update Report
Confirmation Number: 44738
File Name: KELD_LAURIDSEN_0205585287_20240702_Status_Rpt_44738.pdf
Fee: No
Amount: 0.00
Form Included: No
Does submittal include NR 712 certification? : Yes
Project Manager: KELD LAURIDSEN
File Contact: DENISE DANELSKI
Other DNR RR Contact: NA
PFAS - This submittal contains:

- None, PFAS is not mentioned in this submittal.

Vapor Intrusion - This submittal contains:

- None, submittal does not include new vapor data or Vapor Mitigation System Inspection Log.

Additional Information: NA

From: Patrick Patterson
Email: patrick.patterson@intertek.com

Total Quality. Assured.

Professional Service Industries, Inc.
821 Corporate Court
Waukesha, WI 53189
Phone: (262) 521-2125
Fax: (262) 521-2471

June 27, 2024

BMO Harris Bank NA
c/o Jones Lang LaSalle Americas, Inc.
111 W. Monroe-115 S. LaSalle
Chicago, IL 60603

Attn: Mr. Joaquin Camacho
Regional Engineering Manager
Joaquin.Camacho@bmo.com

Subject: Status Update Report-Additional Site Investigation Activities-May 2024
BMO Harris Bank Branch
117 S. Chestnut Avenue
Green Bay, Wisconsin 54303
PSI Project No. 00542978
BRRTS No. 02-05-585287

Dear Mr. Camacho,

Professional Service Industries, Inc. (PSI), an Intertek Company, performed additional site investigative activities for the Subject Property as described above. These additional activities were discussed in an April 22, 2024, WDNR email following WDNR's initial review of data, and a subsequent Status Update Report submitted in March 2024. The results, including pertinent observations and a summary of the findings, can be found in the accompanying report.

If you have any questions or comments, please call us at (262) 521-2125.

Respectfully Submitted,
PROFESSIONAL SERVICE INDUSTRIES, INC.

Patrick J. Patterson, P.E., P.G.
Senior Engineer
Environmental Services

Larry Raether, P.E.
Principal Consultant
Environmental Services

Status Update Report-May 2024

Site:

BMO Harris Bank Branch
117 S. Chestnut Avenue
Green Bay, Wisconsin 54303

Prepared for:

BMO Harris Bank NA
c/o Jones Lang LaSalle Americas, Inc.
111 W. Monroe-115 S. LaSalle
Chicago, IL 60603

Prepared by:

Professional Service Industries, Inc.
821 Corporate Court
Waukesha, WI 53189
(262) 521-2125
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BRRTS No. 02-05-585287

PSI Report Number: 00542978

June 27, 2024

Patrick J. Patterson, P.E., P.G.
Senior Engineer
Environmental Services

Larry Raether, P.E.
Principal Consultant
Environmental Services

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APPENDICES

EXECUTIVE SUMMARY

The Subject Property consists of an approximate 0.5-acre parcel in the City of Green Bay, Wisconsin and has addresses of 117 and 125 S. Chestnut Avenue. A rectangular commercial structure is situated on the 117 S. Chestnut Avenue parcel, which is in the northern quarter of the Subject Property. A dry cleaner formerly occupied a portion of this building and former buildings that were situated in the eastern half of this parcel and have been razed. Asphalt parking areas are present south of the existing building and a fenced-in area is present to the east of the building. Landscaped areas are located along the property lines.

From July 2020 to July 2022, PSI completed site investigative activities. These activities consisted of the placement of seven soil probes, the installation of thirteen groundwater monitoring and one piezometer, the installation of three temporary soil vapor points and one sub-slab vapor point, and the collection of three ambient sewer main vapor samples. The collected samples were tested for the presence of Volatile Organic Compounds (VOCs), Polynuclear Aromatic Hydrocarbons (PAHs), and RCRA metals. Most recent samples were tested for the presence of chlorinated VOCs only.

Because of the previous soil analytical test results, which indicate that only a few PAHs were detected in one of the submitted soil samples and the extent had been defined, it was PSI's opinion that no additional soil analytical testing was warranted. In addition, the previous and recent analytical test results of the groundwater associated with the wells with detected chlorinated compounds above NR140 standards indicate that these levels are generally stable and/or decreasing in concentrations; thus, it was PSI's opinion that no additional groundwater sampling is warranted. In addition, it was PSI's opinion that these sampling events defined the horizontal and vertical extent of the chlorinated contamination within the groundwater associated with the Subject Property and the northern adjoining parcel.

Based upon the investigative activities completed to date, PSI prepared a Site Investigation Report in general accordance with NR716.15. Following client approval, on March 23, 2023, PSI submitted the report along with the appropriate review fee to the WDNR for their review and concurrence.

In a May 15, 2023, WDNR Response Letter, they determined that the site investigation report was incomplete and additional investigative activities would be required to be completed prior to their future concurrence and approval.

In September 2023, a sub-slab vapor point was installed in the northern restroom of the existing building, while a passive air sampler was placed in the southern restroom. A sample was collected following the installation of the vapor point for testing for the presence of VOCs, while the air sampler was collected following a 10-day period and tested for the presence of TCE, PCE, 1,1-DCE, cis-1,2-DCE and trans-1,2-DCE. In October 2023, an additional groundwater monitoring well (MW-15) was installed near the northwestern building corner. A groundwater sample was collected from MW-15 and tested for VOCs, while samples from ten of the existing wells were collected and tested for the presence of TCE, PCE, cis-1,2-DCE, trans-1,2-DCE and VC. Further, one additional soil probe was (SP-13A) placed on the parcel near existing well MW-8. A soil sample collected from 2 to 4 feet was tested for VOCs.

The analytical test results of the soil sample indicated that Benzene and TCE were at levels above their respective NR720 GW RCLs, but below their respective NR720 non-industrial DC RCLs. The analytical test results of the sub-slab vapor sample and the passive air sample indicated detected chlorinated VOCs. However, none of the concentrations were above current established WDNR and/or EPA vapor quality

standards for commercial or residential parcels. The analytical test results of the groundwater samples did not indicate the presence of VOCs in the sample collected from MW-15 while the test results of the groundwater samples collected from the previously existing wells were consistent with previous test results associated with these wells.

This data was submitted to the WDNR and presented in a Status Update Report. In a December 22, 2023, email from the WDNR, they indicated that additional site investigation activities will need to be completed prior to their approval of the completion of the site investigation per NR716 requirements. These requested services would need to include additional groundwater sampling of the new well and nine of the existing wells for testing for the presence of specific chlorinated VOCs, collection of an additional sub-slab vapor sample and a passive air sample to test for the presence of specific chlorinated VOCs, defining the extent of soil contamination encountered near monitoring well MW-8, and further evaluation of the potential for vapor migration onto adjoining properties.

In February and March 2024, PSI completed additional groundwater sampling of ten wells for the presence of chlorinated compounds, the placement of five soil probes to collect soil sample for testing for the presence of VOCs, the collection and testing of an additional passive ambient air sample and an additional sub-slab vapor sample within the existing building for the presence of chlorinated compounds, and the evaluation of the potential need to perform additional investigative work for potential vapor migration issues.

The results of the groundwater sampling indicated similar concentrations with the numerous previous sampling events. PSI believes that the extent of the chlorinated-impacted groundwater contamination is generally defined on the Subject Property and the northern adjoining parcel and along the eastern adjoining alley and further groundwater sampling events are not warranted. The results of the soil analytical testing for the presence of volatile compounds along the north side of the existing building have indicated that shallow soil contamination exists in this area of the Subject Property and is present on the northern adjoining parcel. These results also indicated that the concentrations are not above direct contact levels but only groundwater protection levels and additional soil investigative activities are not warranted. The results of the sub-slab vapor sampling and the ambient air sampling indicated that Tetrachloroethene (PCE) was the only chlorinated compound detected in the vapor sample. These test results and the previous test results showed that the detected compound levels are well below the current WDNR VRSLs for PCE and TCE and the PCE levels are well below the Indoor Air VAL, and PSI believes that additional sub-slab and ambient air sampling events are not warranted.

This data was submitted to the WDNR and presented in a Status Update Report. In an April 22, 2024, email from the WDNR, they indicated that additional site investigation activities will need to be completed prior to their approval of the completion of the site investigation per NR716 requirements. These requested services would need to include additional groundwater sampling of seven of the existing wells for testing for the presence of specific chlorinated VOCs, to further evaluate the existing subsoil and sub-slab vapor conditions on the Subject Property, and further discussion of the potential for vapor migration onto adjoining properties.

In May 2024, PSI completed additional groundwater sampling of seven wells for the presence of specific chlorinated compounds, and further evaluation of vapor migration issues.

The results of the groundwater sampling indicated similar concentrations as with the numerous previous sampling events with the highest CVOC concentrations in wells along the northern building line and lesser CVOC concentrations in surrounding wells. PSI believes that the extent of the chlorinated-impacted groundwater contamination is generally defined on the Subject Property and the northern adjoining parcel and along the eastern adjoining alley and since the encountered contamination is isolated to the shallow groundwater within a highly urbanized area further groundwater sampling events are not warranted. The Subject Property is in the City of Green Bay and, it and the surrounding properties are connected to municipal and commercial urban utility services. No water supply wells are present on the Subject Property, and none are known to be present within 1,200 feet of the Subject Property.

The results of the previous soil analytical testing for the presence of volatile compounds along the north side of the existing building have indicated that shallow soil contamination exists in this area of the Subject Property and is present on the northern adjoining parcel. These results also indicated that the concentrations are not above direct contact levels but only groundwater protection levels. Since it is known that chlorinated groundwater contamination is present in this area, PSI believes that additional soil investigative activities are not warranted. The previous results of the sub-slab vapor sampling showed that the detected compound levels are well below the current WDNR VRSLs for PCE and TCE, and PSI believes that additional sub-slab sampling events are not warranted. The test results of the passive ambient air sampling events indicated that though PCE has been detected in the samples, the concentrations are well below the WDNR Indoor Air VAL for PCE. As such, PSI believes that additional ambient air sampling events are not warranted.

In review of the results of the vapor analyses of the collected sub-slab samples, which indicate that no detected CVOCs are above WDNR VRSLs, the results of the passive ambient air samples, which indicate that no detected CVOCs are above WDNR Indoor Air VALs, and the results of the sampling of the ambient air within the sanitary sewer line in the alleyway and the soil vapors within the trench backfill of this line indicate that no detected CVOCs are above WDNR VALs or VRSLs, the known CVOCs within the groundwater and a limited area of soil has not migrated into the existing structure associated with the Subject Property or the sanitary sewer line within the alleyway. In addition, most of the subsurface soils consist of fine grain soils (ie. clays, silts) and these types of soils generally inhibit the migration of vapors into onsite and adjoining structures. As such, PSI believes that because of the recent and previous sampling activities of the soil, groundwater, subsurface soil vapors beneath and around the existing building, and the ambient air within the building indicates that known CVOC contamination has not migrated into the existing onsite building, additional site investigative activities associated with evaluating of the eastern/northeastern adjoining structure referenced as the “Tarlton Theatre”, for the presence of CVOC vapors are not warranted. It is also recommended that the previously submitted NR716 Site Investigation Report along with the additional site investigation data and information be reviewed and approval of the completion of the site investigation be granted.

It is recommended that a site case closure documentation with continuing obligations regarding the residual soil and groundwater contamination be prepared and submitted to the WDNR for review and approval.

This summary is not to be used alone. The report must be read in its entirety.

NR712.09 SUBMITTAL CERTIFICATION

"I, Patrick J. Patterson, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of Ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in Ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

June 27, 2024

Signature and Title | Date

INTRODUCTION

GENERAL INFORMATION

Professional Service Industries, Inc. (PSI) has prepared this Status Update Report for the BMO Harris Bank Branch parcel located in Green Bay, Wisconsin, referred herein as the "Subject Property". General site information is included under this section.

Site Name:	BMO Harris Bank Branch
Site Address:	117 S. Chestnut Avenue Green Bay, Wisconsin 54303
WDNR BRRTS No:	02-05-585287
WDNR FID No:	NA
Responsible Party:	BMO Harris Bank NA (Former Owner) 111 W. Monroe Street Chicago, Illinois 60603
RP Representative:	June Evans VP Sr. Mgr. CRE US Facility Management 111 W. Monroe Street Chicago, Illinois 60603 june.evans@bmo.com
RP Contact:	Jones Lang LaSalle Americas, Inc. Joaquin (JC) Camacho Regional Engineering Manager/EHS Manager 111 W. Monroe-115 S. LaSalle Chicago, Illinois 60603 Telephone: (847) 878-3419 E-mail address: Joaquin. Camacho@bmo.com
Consultant:	Patrick J. Patterson, P.E., P.G. Project Manager Professional Service Industries, Inc. 821 Corporate Court Waukesha, WI 53189 Telephone: (262) 521-2125 Email address: patrick.patterson@intertek.com
Property Owner:	Badgerland Management, LLC. 412 Howard Street Green Bay, WI 54303

PURPOSE

The purpose of the additional site investigative activities presented in this report was to further evaluate the degree of chlorinated VOCs contamination encountered within the groundwater associated with several of the wells on the Subject Property. Also, these activities included the further evaluation of the potential for the necessity of evaluation of vapors migration onto the adjoining properties. These services address the WDNR listed issues expressed in an April 2024 response email. The activities were not intended to be an all-inclusive search for hazardous substances and did not necessarily preclude the presence of other compounds or contaminants in these or other areas of the site.

SCOPE

As described below, chlorinated VOC contamination from a former drycleaning facility was encountered during site investigative activities at a former BMO Harris Bank Branch property. This contaminant was assumed to have the potential to affect media including soil, groundwater, and air (vapors) that may be present in the subsurface on-site and within the building. The Subject Property is in the City of Green Bay and, it and the surrounding properties are connected to municipal and commercial urban utility services. No water supply wells are present on the Subject Property, and none are known to be present within 1,200 feet of the Subject Property. No sensitive species, habitat or ecosystems, wetlands, resource waters, or sites of historical or archeological significance are known to be present. Potential receptors include the on-site building and utility corridors on the Subject Property and surrounding parcels.

The scope of services for these additional field site investigative activities included groundwater sample collection of seven (7) groundwater monitoring wells; an evaluation of the data obtained; and the preparation of this status update report. The laboratory analyses included testing for the presence of specific chlorinated VOCs, Ethane and Ethene.

SITE LOCATION, SITE FEATURES, AND BACKGROUND

SITE LOCATION

The Subject Property consists of an approximate 0.5-acre parcel in the City of Green Bay, Wisconsin. This parcel is zoned as commercial and has addresses of 117 and 125 S. Chestnut Avenue. It is in the Northeast ¼ of the Northwest ¼ of Section 36, Township 24 North, Range 20 East and at Latitude 44.5159218 and Longitude -88.0230731, in Brown County, State of Wisconsin. The Wisconsin Transverse Mercator Projection (WTM91) of the Subject Property is X-677119.5 and Y-451077.6. In review of the Brown County Property Information Website, the Property Tax Key Number is 3-101 and the parcel is currently owned by "Badgerland Management, LLC.", who purchased the parcel from BMO Harris Bank, NA. A rectangular commercial structure is situated in the northern quarter of the Subject Property and a dry cleaner formerly occupied a portion of the building. An asphalt parking area is present south of the building and a fenced-in storage area is present to the east of the building.

The surrounding properties are generally occupied by commercial and residential properties and a school building. The Fox River is situated about 700 feet to the east of the Subject Property and flows to the north into Green Bay. The general location of the Subject Property is shown on the Site Location Map in Appendix A. A diagram showing the general site features is also included in Appendix A.

SITE FEATURES

According to the contour lines on the Brown County GIS Website, the Subject Property is at an approximate elevation of 588 feet above mean sea level (MSL). The contour lines around the Project Area indicate the area is generally flat with a slight slope to the south. The nearest water body is the Fox River, about 700 feet to the southeast.

A rectangular commercial structure, which has the address of 117 S. Chestnut Avenue, is situated in the northern quarter of the Subject Property and a dry cleaner formerly occupied a portion of this building and former buildings that were situated in the eastern half of this parcel. A parking area is present to the south of the building and a fenced-in storage area is present to the east of the building.

BACKGROUND INFORMATION

It is understood that in April 2019, Tetra Tech completed a Phase I ESA of the Subject Property. According to their Phase I ESA report, prior to BMO's ownership, multiple small commercial businesses operated on the Property from the 1890s to 1986. These businesses included a dry cleaner and post office. Results of the Phase I ESA identified recognized environmental conditions (RECs) associated with the Property. The RECs consisted of the historical use of the Subject Property as a dry cleaner over 30 years.

During May and June 2019, Stantec Consulting Services Inc. (Stantec) completed a Phase II ESA on behalf of the City of Green Bay. During their Phase II ESA, nine soil borings (B-100 through B-900) were advanced at the Site with temporary groundwater monitoring wells constructed in four of the borings (TW-100, TW-600 TW-700 and TW-800). Eight of these borings were performed in the northeastern portion of the Subject Property, generally around the area of the dry cleaner. The other boring (B-700) was placed on a separate parcel formerly owned by BMO Harris Bank, which is considered as a separate release. In addition, two sub-slab vapor monitoring points were also installed within the Site building at 117 South Chestnut Avenue where the dry cleaner was located. Soil, groundwater, and vapor samples were collected and tested for the presence of VOCs, PAHs, and RCRA Metals.

Stantec's laboratory analysis of soil samples detected multiple PAHs, Silver, and Tetrachloroethene (PCE) exceeding the NR720 residual contaminant levels (RCLs) for groundwater protection and/or non-industrial direct contact. Stantec indicated that the PCE detections on the Site are likely related to the former drycleaner which historically operated on the Property identified in Tetra Tech's Phase I ESA. Stantec's laboratory analysis of groundwater samples collected from their temporary wells detected multiple RCRA Metals and PCE exceeding their respective NR140 Preventive Action Limits (PALs). Vinyl chloride (VC) was also detected exceeding its NR140 Enforcement Standard (ES). Sub-slab soil vapor analysis was performed on samples collected from the interior vapor points. PCE was detected in both samples but below the target limit for sub-slab vapor concentrations. No other VOCs were detected above target limits for sub-slab vapor concentrations. Stantec indicated that the Phase II findings needed to be reported to the WDNR and additional site investigation would be required.

PSI was retained to perform additional site investigative services and notify the WDNR of the encountered contamination on February 7, 2020, and the WDNR assigned BRRTS No. 02-05-585287 to the Subject Property.

From July 2020 to July 2022, PSI completed site investigative activities. These activities consisted of the placement of seven soil probes, the installation of thirteen groundwater monitoring wells and one piezometer, the installation of three temporary soil vapor points and one sub-slab vapor point, and the collection of three ambient sewer main vapor samples. The collected samples were tested for the presence of Volatile Organic Compounds (VOCs), Polynuclear Aromatic Hydrocarbons (PAHs), and RCRA metals. Most recent samples were tested for the presence of chlorinated VOCs only.

Based upon the completed investigative activities, PSI prepared a Site Investigation Report in general accordance with NR716.15. Following client approval, on March 23, 2023, PSI submitted the report along with the appropriate review fee to the WDNR for your review and concurrence.

In a May 15, 2023, WDNR Response Letter, they determined that the site investigation report was incomplete and additional investigative activities would be required to be completed prior to their future concurrence and approval.

In September and October 2023, PSI installed an additional groundwater monitoring well, a sub-slab vapor sampling point, one soil probe and one passive air sampling device, and collected eleven groundwater samples, one sub-slab vapor sample, one soil sample, and one passive air sample. Ten groundwater samples were tested for PCE, TCE, cis and trans-DCE, VC, ethane, and ethene, one groundwater sample and the soil sample were tested for VOCs, one sub-slab vapor sample was tested for TCE, PCE, VC, and cis and trans DCE, and one ambient air sample was tested for PCE, TCE and cis and trans DCE.

The analytical test results of the soil sample indicated that Benzene and TCE were at levels above their respective NR720 GW RCLs, but below their respective NR720 non-industrial DC RCLs. The analytical test results of the sub-slab vapor sample and the passive air sample indicated detected chlorinated VOCs. However, none of the concentrations were above current established WDNR and/or EPA vapor quality standards for commercial or residential parcels. The analytical test results of the groundwater samples did not indicate the presence of VOCs in the sample collected from MW-15 while the test results of the groundwater samples collected from the previously existing wells were consistence with previous test results associated with these wells.

This data was submitted to the WDNR and presented in a Status Update Report. In a December 22, 2023, email from the WDNR, they indicated that additional site investigation activities will need to be completed prior to their approval of the completion of the site investigation per NR716 requirements.

In February and March 2024, PSI completed additional groundwater sampling of ten wells for the presence of chlorinated compounds, the placement of five soil probes to collect soil samples for testing for the presence of VOCs and to define the extent of soil contamination, the collection and testing of an additional passive ambient air sample and an additional sub-slab vapor sample with the existing building for the presence of chlorinated compounds, and the evaluation of the potential need to perform additional investigative work for potential vapor migration issues.

This data was submitted to the WDNR and presented in a Status Update Report. In an April 22, 2024, email from the WDNR, they indicated that additional site investigation activities will need to be completed prior to their approval of the completion of the site investigation per NR716 requirements.

Based upon the WDNR response email, additional investigative services were performed in accordance

with Chapter NR716 on the Subject Property and are discussed in more detail in the following paragraphs.

FIELD EXPLORATION

SCOPE SUMMARY

The additional investigative activities were performed in accordance with requirements expressed in Chapter NR 716.11 and, based on additional services required by the WDNR, to further evaluate the subsurface conditions associated with the encountered chlorinated VOC contamination from the dry cleaner that formerly occupied the existing building on the Subject Property. These additional activities included the performance of a groundwater sampling event of seven (7) of the existing wells impacted with chlorinated compounds. The groundwater samples were submitted for the presence of specific chlorinated VOCs and ethane and ethene.

FIELD EXPLORATION

On May 21, 2024, seven of the existing wells impacted with chlorinated compounds were sampled. The collected water samples were tested for the presence of TCE, PCE, VC, DCE, ethene and ethane. The general locations of the wells are shown on the Monitoring Well Location Diagram, which is included in Appendix A.

METHODS OF INVESTIGATION

QUALITY ASSURANCE/QUALITY CONTROL MEASURES

All equipment decontamination, sample collection, sample custody records, and analysis were performed in general accordance with methods prescribed by the United States EPA and the WDNR (NR716.13). The probe sampling equipment and tools were cleaned with an Alconox and potable water wash and rinsed with potable water between each location. New disposable bailers were used to collect water samples from the wells. The soil and groundwater samples were handled with disposable latex gloves during initial collection and when placed into laboratory jars. These procedures were performed to reduce the potential for cross-contamination between sample locations. Teflon sample collection tubing was utilized to collect the sub-slab vapor sample and, the provided sampling instructions were used to collect the ambient air sample.

MONITORING WELL PURGING AND SAMPLING PROCEDURES

The purging of the wells was performed in general accordance with requirements expressed in Chapter NR141. The wells on the Subject Property, northern adjoining property and within the alleyway were able to be bailed dry. Following purging and well recovery, the wells were sampled.

LABORATORY ANALYSIS

The groundwater samples were collected using new disposable bailers and disposable gloves and were placed into hydrochloric acid preserved glass vials to be tested for chlorinated VOC analysis (EPA Method 8260) and ethene and ethane analysis (EPA Method 8015B Modified). The water samples were placed on

ice, chain of custody procedures initiated, and the samples were submitted to Pace Analytical Services, LLC (Pace) of Green Bay, Wisconsin. The analytical reports and chain of custody forms are included in Appendix D.

DESCRIPTION OF SUBSURFACE CONDITIONS

GENERAL

A description of the subsurface conditions encountered at the probe locations is shown on the logs in Appendix C. The lines of demarcation shown on the logs represent an approximate boundary between the various soil classifications, but the transition is likely to be more gradual. It must be recognized that the soil descriptions are considered representative for the specific location, and that variations may occur between and beyond the sampling intervals and locations. A summary of the major soil profile components is described in the following paragraphs.

SOIL CONDITIONS

The surface material at the probes associated with the investigation consists of about 4 to 8 inches of asphalt pavement. The material beneath the pavement consists of brown clayey silt, silty clay to sandy silt to silt fill material to depths of about 2 to 8 feet below grade. Potentially buried clayey silt topsoil was encountered in soil probes north of the existing building at a depth of about 2.5 feet below grade. Natural reddish-brown silty clay to clay soils were encountered beneath the fill material and potential topsoil to the maximum depths explored of about 5 to 16 feet below grade.

GROUNDWATER CONDITIONS

The elevations of the top of the PVC riser pipe of each of the wells were previously determined by PSI personnel using conventional leveling techniques. The elevations were referenced to the bonnet flange of the fire hydrant at the northwest corner of Howard Street and Chestnut Avenue with an assigned elevation of EL. 590.53±.

On May 21, 2024, groundwater levels of wells MW-2, MW-3, MW-6, MW-8, MW-10, MW-12, and MW-15 were measured at depths ranging from about 3.92 feet to about 5.01 feet below top of casing (EL. 583.88± to EL. 584.97±). The depths to groundwater were not collected from MW-4, MW-5, MW-7, MW-9, MW-11, MW-13, and MW-14, and PZ-1 during this most recent sampling event. However, the water levels were collected during past groundwater sampling events and are indicated on the groundwater elevation table. The groundwater flow direction generally trends towards the southeast in the direction of the Fox River. These elevations are shown on the Groundwater Elevation Table included in the Appendix B.

It should be noted that groundwater levels and gradients can fluctuate with seasonal precipitation and changes in lateral drainage patterns.

DISCUSSION OF RESULTS

GROUNDWATER QUALITY STANDARDS

The Enforcement Standards (ESs) and Preventive Action Limits (PALs) are Groundwater Quality Standards which have been established in NR140 of the Wisconsin Administrative Code. These Standards are referenced when evaluating the need for further study or remedial activities. The PAL is the more stringent guideline, in terms of being lesser in magnitude than the ES but will typically require less response action when exceeded. The required action is determined by WDNR regulations, based on various site-specific considerations.

LABORATORY GROUNDWATER RESULTS

The May 2024 groundwater test results indicated the presence of several chlorinated VOCs in the collected samples from the wells. Vinyl Chloride was detected in the samples collected from MW-2, MW-3, and MW-6 at levels of 0.54J ug/l, 0.94J ug/l, and 0.33J ug/l, respectively, and is above its NR 140 ES of 0.2 ug/l. However, the detected concentrations were indicated as laboratory estimated levels and are not considered accurate values by the WDNR.

TCE was detected in the samples collected from MW-6, and MW-15 at levels of 0.66J ug/l, and 1.1 ug/l, respectively, which are above its NR 140 PAL of 0.5 ug/l and detected in the samples collected from MW-8, MW-10, and MW-12 at levels of 24.6 ug/l, 8.1 ug/l and 37 ug/l, respectively, which are above its NR 140 ES of 5.0 ug/l. The concentration detected in the sample from MW-6 was indicated as a laboratory estimated level and is not considered an accurate value by the WDNR.

PCE was detected in the samples collected from MW-6, and MW-15 at levels of 0.97J ug/l, and 1.1 ug/l, respectively, which are above its NR 140 PAL of 0.5 ug/l. PCE was detected in the samples collected from MW-8, MW-10, and MW-12 at levels of 1,190 ug/l, 170 ug/l, and 297 ug/l, respectively, which are above its NR 140 ES of 5.0 ug/l. The concentration detected in the sample from MW-6 was indicated as a laboratory estimated level and is not considered an accurate value by the WDNR. Other chlorinated VOCs were detected but were at concentrations below current NR140 groundwater quality standards.

Ethane was detected in the samples collected from MW-2, and MW-3 at levels of 2.6J ug/l, and 0.67J ug/l, respectively. Ethene was detected in the sample collected from MW-2 at a level of 0.46J ug/l. The detected concentrations were indicated as laboratory estimated levels and are not considered an accurate values by the WDNR.

The results of the laboratory analyses of the collected water samples and their respective NR140 standards are summarized on the groundwater analytical table included in the Appendix. The analytical laboratory test report and chain of custody form are included in Appendix B.

VAPOR INTRUSION ASSESSMENT

In review of the January 2018, guidance document, entitled “Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin” and scenarios where vapor sampling may be recommended (Figure 3a), the western most corner of the eastern/northeastern adjoining structure referenced as the

"Tarlton Theatre" is partially within 100 feet from the encountered CVOC-impacted soils encountered within the soil probe placed to the north of the northern building line of the onsite structure. Because of the existing surrounding features, PSI evaluated the potential need to complete additional vapor sampling activities for the Tarlton Theatre building.

In review of the results of the previous vapor analyses of the sub-slab samples and the previous passive ambient air samples both collected within the onsite building, which indicate that no detected CVOCs are above WDNR VRSLs or above WDNR Indoor Air VALs, respectively, and the results of the sampling of the ambient air within the sanitary sewer line in the alleyway and the soil vapors within the trench backfill of this line indicate that no detected CVOCs are above WDNR VALs or VRSLs, respectively, there is no obvious evidence that the known CVOCs within the shallow groundwater and the soils located north of the existing building has migrated off the Subject Property and into the existing structure associated with the Subject Property or the sanitary sewer line within the alleyway. In addition, most of the subsurface soils consist of fine grain soils (ie. clays, silts) and these types of soils generally inhibit or reduce the potential of the migration of vapors into onsite and adjoining structures. As such, PSI believes that because of the recent and previous sampling activities of the soil, groundwater, subsurface soil vapors beneath and around the existing building, and the ambient air samples collected within the building indicates that known CVOC contamination has not migrated into the existing onsite building, and migration of CVOC vapors into the adjoining buildings is an unlikely scenario.

CONCLUSIONS AND RECOMMENDATIONS

FINDINGS AND CONCLUSIONS

Based upon a WDNR email, dated April 22, 2024, and following their review of the March 2024 groundwater analytical test results, additional samples were collected from MW-2, MW-3, MW-6, MW-8, MW-10, MW-12, and MW-15 and tested for the presence of contaminants prior to their approval of the site investigation. The May 2024 groundwater results indicate that the chlorinated compounds present within the wells sampled are at concentrations that are similar to previous results and have generally stable concentrations, and the extent of groundwater concentration above NR140 ESs has been defined in accordance with NR716 requirements.

RECOMMENDATIONS

The results of the recent groundwater sampling indicated similar concentrations with the numerous previous sampling events. PSI believes that the extent of the chlorinated-impacted groundwater contamination above NR140 ESs is generally defined on the Subject Property and the northern adjoining parcel and along the eastern adjoining alley. Since the encountered contamination is isolated to the shallow groundwater within a highly urbanized area, further groundwater sampling events are not warranted. The Subject Property is in the City of Green Bay and, it and the surrounding properties are connected to municipal and commercial urban utility services. No water supply wells are present on the Subject Property, and none are known to be present within 1,200 feet of the Subject Property. As part of the closure procedures, the northern adjoining property owner and the City of Green Bay will be notified of the presence of groundwater contamination on their parcels.

The results of the past soil analytical testing for the presence of volatile compounds along the north side

of the existing building have indicated that shallow soil contamination exists in this area of the Subject Property and is also present on the northern adjoining parcel and is isolated to this area. These results also indicate that the concentrations are not above direct contact levels but only groundwater protection levels. Since it is known that chlorinated groundwater contamination is present in these areas, PSI believes that additional soil investigative activities are not warranted. As part of the closure procedures, the northern adjoining property owner will be notified of the potential residual soil contamination on their parcel.

Based upon the previous indoor air sampling results with levels well below WDNR VALs, additional sampling of the indoor air within the building on the Subject Property is not warranted. Further and because of the analytical test results, sampling of the indoor air of the surrounding commercial buildings is not warranted.

Based upon the sub-slab vapor sampling test results with levels below WDNR VRSLs, additional sampling of the sub-slab vapors beneath the building on the Subject Property is not warranted. Further and because of the analytical test results, sampling of the sub-slab vapor beneath the surrounding commercial buildings is not warranted.

In review of the January 2018, guidance document, entitled "Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin" and scenarios where vapor sampling may be recommended (Figure 3a), PSI evaluated the surrounding features around the Subject Property and the western most corner of the eastern/northeastern adjoining structure referenced as the "Tarlton Theatre", which is partially within 100 feet from the encountered CVOC-impacted soils encountered within the soil probe placed to the north of the northern building line of the onsite structure. Because of the existing surrounding features, PSI evaluated the potential need to complete additional vapor sampling activities for the Tarlton Theatre building.

In review of the results of the previous vapor analyses of the sub-slab samples and the previous passive ambient air samples both collected within the onsite building, which indicate that no detected CVOCs are above WDNR VRSLs or above WDNR Indoor Air VALs, and the results of the sampling of the ambient air within the sanitary sewer line in the alleyway and the soil vapors within the trench backfill of this line indicate that no detected CVOCs are above WDNR VALs or VRSLs, there is no obvious evidence that the known CVOCs within the shallow groundwater and the soils located north of the existing building has migrated off the Subject Property and into the existing structure associated with the Subject Property or the sanitary sewer line within the alleyway. In addition, most of the subsurface soils consist of fine grain soils (ie. clays, silts) and these types of soils generally inhibit or reduce the potential of the migration of vapors into onsite and adjoining structures. As such, PSI believes that because of the recent and previous sampling activities of the soil, groundwater, subsurface soil vapors beneath and around the existing building, and the ambient air samples collected within the building indicates that known CVOC contamination has not migrated into the existing onsite building, migration of CVOC vapors into the adjoining buildings is an unlikely scenario.

It is PSI' opinion that additional site investigative activities associated with evaluating the eastern/northeastern adjoining structure referenced as the "Tarlton Theatre", for the presence of CVOC vapors are not warranted. It is also recommended that the previously submitted NR716 Site Investigation Report along with the additional site investigation data and information be reviewed and approval of the completion of the site investigation be granted.

PSI believes that because of the recent and previous sampling activities, additional site investigative activities are not warranted and the previously submitted NR716 Site Investigation Report along with the additional site investigation data and information be review and approval of the completion of the site investigation be received.

It is recommended that following WDNR approval of the SIR, a site case closure documentation with continuing obligations regarding the residual soil and groundwater contamination be prepared and submitted to the WDNR for review and approval.

REPRESENTATIONS

WARRANTY

The field observations, measurements, and research reported herein are considered sufficient in detail and scope to form a reasonable basis for the work performed at this site. The assessment, conclusions, and recommendations presented herein are based upon the subjective evaluation of limited data. They may not represent all conditions at the Subject Property as they reflect the information gathered from specific locations. PSI warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted environmental investigation methodology and only for the site described in this report.

The Site Investigation of this site has been developed to provide the client with information regarding apparent indications of environmental concerns relating to the Subject Property. It is necessarily limited to the conditions observed and to the information available at the time of the work.

Due to the limited nature of the work, there is a possibility that there may exist conditions which could not be identified within the scope of the assessment, or which were not apparent at the time of report preparation. It is also possible that the testing methods employed at the time of the report may later be superseded by other methods. The description, type, and composition of what are commonly referred to as “hazardous materials or conditions” can also change over time. PSI does not accept responsibility for changes in the state of the art, nor for changes in the scope of various lists of hazardous materials or conditions. PSI believes that the findings and conclusions provided in this report are reasonable.

THIRD PARTY USE

This report was prepared pursuant to the contract PSI has with BMO Harris Bank NA. Because of the importance of the communication between PSI and its client, reliance or any use of this report by anyone other than BMO Harris Bank NA, and their respective affiliates, successors and assigns can reply on the report, under the same conditions as if it had been prepared for them, is prohibited and therefore not foreseeable to PSI.

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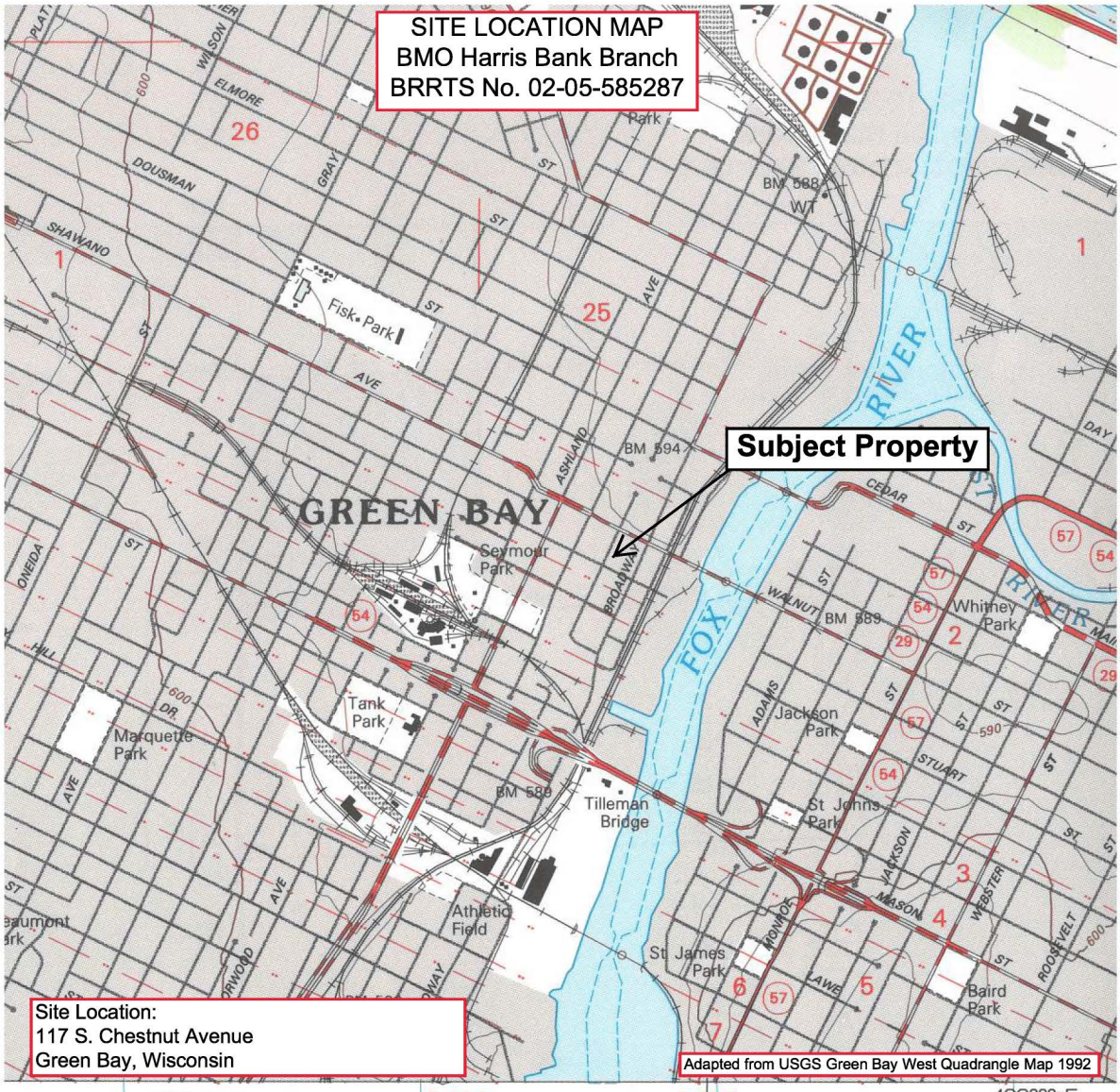
to any such party.

APPENDICES

APPENDIX A

Site Location Map
Site Features Diagram
Probe and Boring Location Map
Monitoring Well Location Diagram
Vapor Point and Vapor Sample Location Diagram



INTERIOR - GEOLOGICAL SURVEY, RESTON, VIRGINIA - 1996

ROAD CLASSIFICATION

Primary highway hard surface .....
Secondary highway hard surface .....
Light-duty road, hard or improved surface .....
Unimproved road .....

Interstate Route U.S. Route State Route

2
2000
1
00 9000 10000

WISCONSIN

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Pulaski
2 Suamico
3 Little Tail Point
4 Oneida North
5 Green Bay East
6 Oneida South
7 De Pere
8 Bellevue

ADJOINING 7.5' QUADRANGLE NAMES

WISCONSIN 53706
JEST

GREEN BAY WEST,

44088-E1-TF-024

1992

DMA 3373 II SE-SERIES V861

SITE FEATURES DIAGRAM

BRRTS No. 02-05-585287

Legend

- Open Site
- Closed Site
- Continuing Obligations Apply
- Facility-wide Site

Site Addresses & Property IDs:

117 & 125 S. Chestnut Avenue
(3-100 & 3-101)

0.0 0 0.02 0.0 Miles

NAD_1983_HARN_Wisconsin_TM

1: 990

Note: Not all sites are mapped.

BMO Harris Bank Branch
117 & 125 S. Chestnut Avenue
Green Bay, Wisconsin

WELL LOCATION DIAGRAM
BRRTS No. 02-05-585287

LEGEND

- Existing Well Location
- Piezometer Location

212' 0 106' 212'

NAD_1983_HARN_Wisconsin_TM

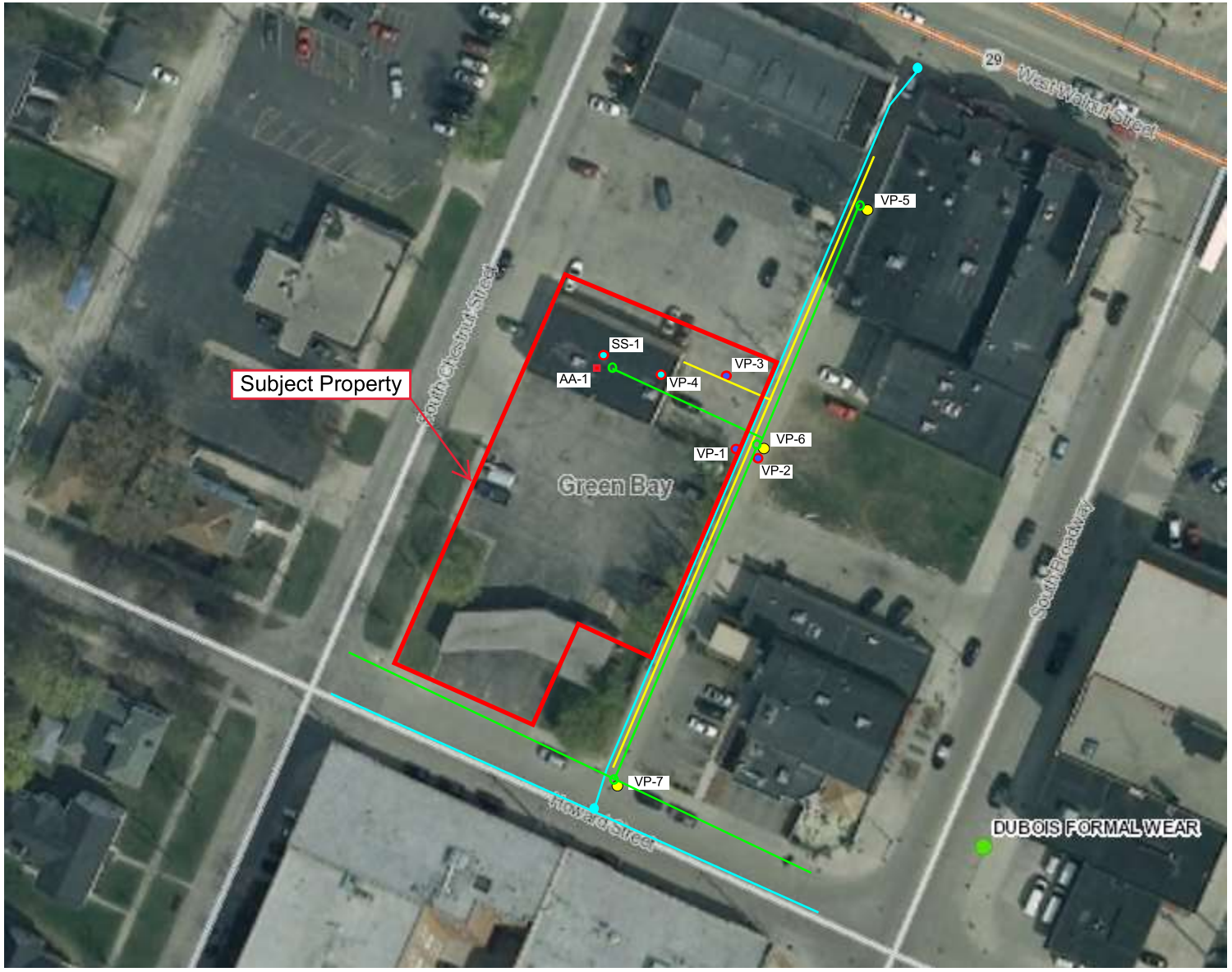
1: 990

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made aregarding accuracy, applicability for a particular use, completemenss, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: http://dnr.wi.gov/org/legal/

Note: Not all sites are mapped.

BMO Harris Bank Branch
117-125 S. Chestnut Avenue
Green Bay, Wisconsin

VAPOR POINT AND VAPOR SAMPLE LOCATION DIAGRAM
BRRTS No. 02-05-585287



LEGEND

- Sub-Slab Vapor Point Location
- Soil Vapor Point Location (temporary)
- Vapor Sample Location
- Passive Vapor Sample Location
- Sanitary Line Location
- Sanitary Manhole
- Stormwater Line Location
- Stormwater Manhole
- Natural Gas Line Location

212' 0 106' 212'

NAD_1983_HARN_Wisconsin_TM

1: 990

Note: Not all sites are mapped.

BMO Harris Bank Branch
117-125 S. Chestnut Avenue
Green Bay, Wisconsin

APPENDIX B

Groundwater Analytical Results Table
Groundwater Elevations Table
Vapor Analytical Table

Groundwater Analytical Results Table (page 1 of 4)
BMO Harris Bank - Green Bay
2
Green Bay, Wisconsin
BRRTS No. 02-05-585287

	Location	MW-2									MW-3								NR 140	
Analytical Parameter	Date / Units	7/17/20	12/3/20	3/3/21	7/28/21	10/12/21	2/9/22	10/3/23	2/19/24	5/21/24	7/17/20	12/3/20	3/3/21	7/28/21	10/12/21	2/9/22	10/3/23	5/21/24	ES	PAL
Detected Ethane/Ethene																				
Ethane	ug/l	---	---	---	---	---	---	<0.39	5.4J	2.6J	---	---	---	---	---	---	<0.39	0.67J	---	---
Ethene	ug/l	---	---	---	---	---	---	0.36J	5.4J	0.46J	---	---	---	---	---	---	<0.25	<0.25	---	---
Detected VOCs																				
Benzene	ug/l	*0.58J*	0.38J	0.31J	0.36J	0.36J	<0.3	---	---	---	<0.25	<0.25	<0.25	<0.3	<0.3	<0.3	---	---	**5**	*0.5*
n-Butylbenzene	ug/l	6.1	1.7J	2.4	1.5	1.5	<0.71	---	---	---	1.2J	<0.71	<0.71	<0.71	<0.71	<0.71	---	---	---	---
sec-Butylbenzene	ug/l	19.4	7.4	9.3	9.6	9.3	8.5	---	---	---	6.9	5J	2.9J	<0.85	2.8	1.6	---	---	---	---
tert-Butylbenzene	ug/l	3.4	1.9	2	2.1	2.2	1.9	---	---	---	1.1	0.77J	0.40J	<0.3	<0.3	<0.3	---	---	---	---
1,2-Dichlorobenzene	ug/l	1.5J	<0.71	<0.71	1.0	0.98J	<0.71	---	---	---	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	---	---	**600**	*60*
cis-1,2-Dichloroethene	ug/l	0.88J	4	2.5	1.3	1.7	1.7	1.0	2.3	0.59J	*55.9*	*9*	*11.7*	0.53J	3.7	5.2	0.65J	1.1	**70**	*7*
trans-1,2-Dichloroethene	ug/l	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	3.7	0.73J	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	**100**	*20*
1,2-Dichloropropane	ug/l	0.38J	0.43J	<0.28	<0.28	<0.28	<0.28	---	---	---	*1.1*	0.39J	0.39J	<0.28	<0.28	<0.28	---	---	**5**	*8*
Isopropylbenzene	ug/l	17	5.1J	8.5	8.3	8.1	8.7	---	---	---	3.2J	<1.7	<1.7	<1.7	<1.7	<1.7	---	---	---	---
p-Isopropyltoluene	ug/l	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	---	---	---	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	---	---	---	---
n-Propylbenzene	ug/l	17.7	4.5J	7.8	4.2	4.7	6.1	---	---	---	0.95J	<0.81	<0.81	<0.81	<0.81	<0.81	---	---	---	---
Tetrachloroethene	ug/l	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	**5**	*0.5*
Trichloroethene	ug/l	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32	*0.90J*	0.28J	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	**5**	*0.5*
Total Tirmethylbenzenes	ug/l	<1.71	<1.71	<1.71	<1.71	<1.71	6.8	---	---	---	<1.71	<1.71	<1.71	<1.71	<1.71	<1.71	---	---	**480**	*96*
Vinyl Chloride	ug/l	**0.78J**	**2**	**1.1**	**0.74J**	**1.1**	**1.3**	<0.17	**2.1**	**0.54J**	**19.8**	**3.6**	**2.2**	<0.17	**3.5**	**3.8**	<0.17	**0.94J**	**0.2**	*0.02*
Detected PAHs																				
Acenaphthene	ug/l	0.013J	---	---	---	---	---	---	---	---	0.021J	---	---	---	---	---	---	---	---	---
Acenaphthylene	ug/l	0.14	---	---	---	---	---	---	---	---	0.039	---	---	---	---	---	---	---	---	---
Anthracene	ug/l	<0.01	---	---	---	---	---	---	---	---	0.020J	---	---	---	---	---	---	---	**3000**	*600*
Benzo(a)anthracene	ug/l	<0.0075	---	---	---	---	---	---	---	---	<0.0073	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	ug/l	<0.0057	---	---	---	---	---	---	---	---	0.0056J	---	---	---	---	---	---	---	**0.2**	*0.02*
Benzo(k)fluoranthene	ug/l	<0.0075	---	---	---	---	---	---	---	---	<0.0073	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	ug/l	<0.010	---	---	---	---	---	---	---	---	<0.010	---	---	---	---	---	---	---	**0.2**	*0.02*
Benzo(ghi)perylene	ug/l	<0.0067	---	---	---	---	---	---	---	---	<0.0066	---	---	---	---	---	---	---	---	---
Chrysene	ug/l	<0.013	---	---	---	---	---	---	---	---	0.017J	---	---	---	---	---	---	---	**0.2**	*0.02*
Fluoranthene	ug/l	0.014J	---	---	---	---	---	---	---	---	0.015J	---	---	---	---	---	---	---	**400**	*80*
Fluorene	ug/l	<0.0079	---	---	---	---	---	---	---	---	0.011J	---	---	---	---	---	---	---	**400**	*80*
1-Methylnaphthalene	ug/l	0.051	---	---	---	---	---	---	---	---	0.027J	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/l	0.022J	---	---	---	---	---	---	---	---	0.04	---	---	---	---	---	---	---	---	---
Naphthalene	ug/l	0.68	---	---	---	---	---	---	---	---	0.1	---	---	---	---	---	---	---	**100**	*10*
Phenanthrene	ug/l	0.031J	---	---	---	---	---	---	---	---	0.061J	---	---	---	---	---	---	---	---	---
Pyrene	ug/l	0.012J	---	---	---	---	---	---	---	---	0.012J	---	---	---	---	---	---	---	**250**	*50*
Detected RCRA Metals																				
Barium	ug/l	*523*	334	262	---	---	---	---	---	---	339	121	---	---	---	---	---	---	**2000**	*400*

Notes:
Bold concentrations exceed NR 140 Enforcement Standards
Italicized/underlined concentrations exceed NR 140 Preventive Action Limits
--- - Not analyzed/Not Established
ug/l -micrograms per liter
J - laboratory estimated concentration detected between the laboratory

Groundwater Analytical Results Table (page 2 of 4)
BMO Harris Bank - Green Bay
117 and 125 S. Chestnut Avenue
Green Bay, Wisconsin
BRRTS No. 02-05-585287

Analytical Parameter	Location	MW-4									MW-5								MW-6										NR 140	
	Date	7/29/20	12/3/20	3/3/21	7/28/21	10/12/21	2/9/22	10/26/22	10/3/23	2/19/24	7/17/20	12/3/20	3/3/21	7/28/21	10/12/21	2/9/22	10/3/23	2/19/24	7/17/20	12/3/20	3/3/21	7/28/21	10/12/21	2/9/22	7/26/22	10/26/22	10/3/23	5/21/24	ES	PAL
	Units																													
Detected Ethane/Ethene																														
Ethane	ug/l	---	---	---	---	---	---	---	<0.39	<0.39	---	---	---	---	---	---	1.0J	0.73J	---	---	---	---	---	---	---	---	<0.39	<0.39	---	---
Ethene	ug/l	---	---	---	---	---	---	---	<0.25	<0.25	---	---	---	---	---	---	<0.25	<0.25	---	---	---	---	---	---	---	---	0.51J	<0.25	---	---
Detected VOCs																														
Benzene	ug/l	0.30J	0.32J	<0.25	<0.3	<0.3	0.36J	---	---	---	<0.25	<0.25	<0.25	<0.3	<0.3	<0.3	---	---	<0.25	<0.25	<0.25	<0.3	<0.3	<0.3	---	---	---	---	**5**	*0.5*
n-Butylbenzene	ug/l	2.2J	<0.71	<0.71	<0.71	<0.71	<0.71	---	---	---	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	---	---	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	---	---	---	---	---	---
sec-Butylbenzene	ug/l	5.2	2.6J	1.8J	<0.85	<0.85	<0.85	---	---	---	3.1J	4.1J	2.4J	3.4	4.2	8.9	---	---	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	---	---	---	---	---	---
tert-Butylbenzene	ug/l	0.43J	0.67J	0.57J	<0.3	<0.3	<0.3	---	---	---	<0.3	0.43J	0.32J	<0.3	<0.3	0.98J	---	---	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	---	---	---	---	---	---
1,2-Dichlorobenzene	ug/l	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	---	---	---	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	---	---	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	---	---	---	---	**600**	*60*
Dichlorodifluoromethane	ug/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	<0.50	0.53J	<0.50	<0.50	0.48J	<0.50	---	---	---	---	**1000**	*200*
cis-1,2-Dichloroethene	ug/l	0.90J	1.3	0.85J	<0.27	<0.27	1.0	---	<0.47	<0.47	0.65J	1.4	0.91J	1.1	1.5	1.0	1.0	0.57J	1.2	1.7	1.6	0.76J	0.48J	0.53J	---	---	2.2	0.61J	**70**	*7*
trans-1,2-Dichloroethene	ug/l	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	---	<0.53	<0.53	<0.46	0.65J	<0.46	0.61J	1.2	0.99J	<0.53	<0.53	1.2J	1.5J	1.3J	0.63J	<0.46	<0.46	---	---	2.5	0.69J	**100**	*20*
1,2-Dichloropropane	ug/l	<0.28	*0.73J*	*0.66J*	<0.28	<0.28	*0.62J*	---	---	---	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	---	---	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	---	---	---	---	**5**	*0.5*
Isopropylbenzene	ug/l	2.9J	<1.7	<1.7	<1.7	<1.7	<1.7	---	---	---	<1.7	<1.7	<1.7	<1.8	<1.8	2.7J	---	---	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	---	---	---	---	---	---
p-Isopropyltoluene	ug/l	2.6J	1.1J	<0.80	<0.80	<0.80	<0.80	---	---	---	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	---	---	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	---	---	---	---	---	---
n-Propylbenzene	ug/l	3.7J	<0.81	<0.81	<0.81	<0.81	<0.81	---	---	---	<0.81	<0.81	<0.81	0.38J	0.64J	1.9	---	---	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	---	---	---	---	---	---
Tetrachloroethene	ug/l	<0.33	<0.33	<0.33	*0.79J*	*1.1*	*1.1*	<0.41	<0.41	0.48J	*0.85J*	*1.1*	*0.58J*	*1.7*	*1.3*	*1.7*	*0.60J*	<0.41	**7.4**	**5.7**	*3.9*	*2.8*	**7.3**	**15.1**	**6**	*3.9*	*0.71J*	*0.97J*	**5**	*0.5*
Trichloroethene	ug/l	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	*1.9*	*2.7*	*1.6*	*2.5*	*3.5*	*3.5*	*2.4*	*1.2*	*3.3*	*1.8*	*1.3*	<0.32	*1.4*	*1.8*	0.33J	*1.9*	*0.68J*	*0.66J*	**5**	*0.5*
Total Tirmethylbenzenes	ug/l	<1.71	<1.71	<1.71	<1.71	<1.71	<1.71	---	---	---	1.1J	1.1J	0.95J	1.1	<1.71	7.1	---	---	<1.71	<1.71	<1.71	<1.71	<1.71	<1.71	---	---	---	---	**480**	*96*
Vinyl Chloride	ug/l	**1.2**	**1.4**	**0.77J**	<0.17	<0.17	**1.3**	**1.1**	<0.17	<0.17	<0.17	<0.17	<0.17	**0.26J**	**0.61J**	**0.54J**	<0.17	<0.17	**0.37J**	**0.37J**	**0.25J**	**0.25J**	<0.17	<0.17	<0.17	**0.30J**	**0.77J**	**0.33J**	**0.2**	*0.02*
Detected PAHs																														
Acenaphthene	ug/l	0.14	---	---	---	---	---	---	---	---	0.010J	---	---	---	---	---	---	---	0.018J	---	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	ug/l	0.043	---	---	---	---	---	---	---	---	<0.0047	---	---	---	---	---	---	---	<0.0048	---	---	---	---	---	---	---	---	---	---	---
Anthracene	ug/l	0.027J	---	---	---	---	---	---	---	---	0.030J	---	---	---	---	---	---	---	0.010J	---	---	---	---	---	---	---	---	---	**3000**	*600*
Benzo(a)anthracene	ug/l	0.011J	---	---	---	---	---	---	---	---	<0.0072	---	---	---	---	---	---	---	0.011J	---	---	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	ug/l	0.0089J	---	---	---	---	---	---	---	---	0.0062J	---	---	---	---	---	---	---	0.018J	---	---	---	---	---	---	---	---	---	**0.2**	*0.02*
Benzo(k)fluoranthene	ug/l	0.0086J	---	---	---	---	---	---	---	---	<0.0072	---	---	---	---	---	---	---	0.012J	---	---	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	ug/l	<0.010	---	---	---	---	---	---	---	---	<0.010	---	---	---	---	---	---	---	0.012J	---	---	---	---	---	---	---	---	---	**0.2**	*0.02*
Benzo(ghi)perylene	ug/l	0.0063J	---	---	---	---	---	---	---	---	<0.0065	---	---	---	---	---	---	---	0.013J	---	---	---	---	---	---	---	---	---	---	---
Chrysene	ug/l	0.016J	---	---	---	---	---	---	---	---	0.014J	---	---	---	---	---	---	---	*0.028J*	---	---	---	---	---	---	---	---	---	**0.2**	*0.02*
Fluoranthene	ug/l	0.035J	---	---	---	---	---	---	---	---	0.020J	---	---	---	---	---	---	---	0.076	---	---	---	---	---	---	---	---	---	**400**	*80*
Fluorene	ug/l	0.042	---	---	---	---	---	---	---	---	0.018J	---	---	---	---	---	---	---	0.031J	---	---	---	---	---	---	---	---	---	**400**	*80*
1-Methylnaphthalene	ug/l	0.094	---	---	---	---	---	---	---	---	0.021J	---	---	---	---	---	---	---	0.010J	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/l	0.11	---	---	---	---	---	---	---	---	0.020J	---	---	---	---	---	---	---	0.0095J	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	ug/l	0.27	---	---	---	---	---	---	---	---	0.082J	---	---	---	---	---	---	---	0.033J	---	---	---	---	---	---	---	---	---	**100**	*10*
Phenanthrene	ug/l	0.14	---	---	---	---	---	---	---	---	0.042J	---	---	---	---	---	---	---	0.062J	---	---	---	---	---	---	---	---	---	---	---
Pyrene	ug/l	0.026J	---	---	---	---	---	---	---	---	0.017J	---	---	---	---	---	---	---	0.041	---	---	---	---	---	---	---	---	---	**250**	*50*
Detected RCRA Metals																														
Barium	ug/l	*771*	*482*	*501*	*557*	---	---	---	---	---	201	77.8	---	---	---	---	---	---	114	64	---	---	---	---	---	---	---	---	**2000**	*400*

Notes:
Bold concentrations exceed NR 140 Enforcement Standards
Italicized/underlined concentrations exceed NR 140 Preventive Action Limits
--- - Not analyzed/Not Established
ug/l -micrograms per liter
J - laboratory estimated concentration detected between the laboratory Limit of Detection and the Limit of Quantitation

Groundwater Analytical Results Table (page 3 of 4)
BMO Harris Bank - Green Bay
117 and 125 S. Chestnut Avenue
Green Bay, Wisconsin
BRRTS No. 02-05-585287

	Location	MW-7				MW-8										MW-9								PZ-1				NR 140	
Analytical Parameter	Date / Units	12/3/20	3/3/21	7/28/21	10/12/21	12/3/20	3/3/21	7/28/21	10/12/21	2/9/22	7/26/22	11/26/22	10/3/23	2/19/24	5/21/24	12/14/20	3/3/21	7/28/21	10/12/21	2/9/22	11/26/22	10/3/23	2/19/24	12/3/20	3/3/21	7/28/21	10/12/21	ES	PAL
Detected Ethane/Ethene																													
Ethane	ug/l	---	---	---	---	---	---	---	---	---	---	---	<0.39	<0.39	<0.39	---	---	---	---	---	---	<0.39	0.73J	---	---	---	---	---	---
Ethene	ug/l	---	---	---	---	---	---	---	---	---	---	---	<0.25	<0.25	<0.25	---	---	---	---	---	---	<0.25	<0.25	---	---	---	---	---	---
Detected VOCs																													
Benzene	ug/l	<0.25	<0.25	<0.3	<0.3	<0.25	<4.9	<0.3	<0.3	<0.3	---	---	---	---	---	<0.25	<0.25	<0.3	<0.3	<0.3	---	---	---	<0.25	<0.25	<0.3	<0.3	5	*0.5*
n-Butylbenzene	ug/l	<0.71	<0.71	<0.71	<0.71	6.1	<14.2	<0.86	<0.86	<0.86	---	---	---	---	---	<0.71	<0.71	<0.71	<0.71	<0.71	---	---	---	<0.71	<0.71	<0.71	<0.71	---	---
sec-Butylbenzene	ug/l	0.90J	<0.85	<0.85	<0.85	19.4	<17	<0.42	<0.42	<0.42	---	---	---	---	---	<0.85	<0.85	<0.85	<0.85	<0.85	---	---	---	<0.85	<0.85	<0.85	<0.85	---	---
tert-Butylbenzene	ug/l	0.65J	0.47J	<0.3	<0.3	3.4	<6.1	<0.59	<0.59	<0.59	---	---	---	---	---	<0.3	<0.3	<0.3	<0.3	<0.3	---	---	---	<0.3	<0.3	<0.3	<0.3	---	---
1,2-Dichlorobenzene	ug/l	<0.71	<0.71	<0.71	<0.71	1.5J	<14.1	<0.33	<0.33	<0.33	---	---	---	---	---	<0.71	<0.71	<0.71	<0.71	<0.71	---	---	---	<0.71	<0.71	<0.71	<0.71	600	*60*
cis-1,2-Dichloroethene	ug/l	<0.27	<0.27	<0.27	<0.27	4.5	<5.4	*15.3*	5.4	5.4	---	---	2.0	1.9	<9.4	0.34J	0.32J	<0.27	<0.27	<0.27	---	0.81J	<0.47	<0.27	<0.27	<0.27	<0.27	70	*7*
trans-1,2-Dichloroethene	ug/l	<0.46	<0.46	<0.46	<0.46	3.1	<9.3	<2.6	1.9	1.9	---	---	1.3	0.78J	<10.6	<0.46	<0.46	<0.46	<0.46	<0.46	---	<0.53	<0.53	<0.46	<0.46	<0.46	<0.46	100	*20*
1,2-Dichloropropane	ug/l	<0.28	<0.28	<0.28	<0.28	0.38J	<5.7	<0.44	<0.45	<0.45	---	---	---	---	---	<0.28	<0.28	<0.28	<0.28	<0.28	---	---	---	<0.28	<0.28	<0.28	<0.28	5	*0.5*
Ethylbenzene	ug/l	1.2	<0.32	<0.32	<0.32	1.2	<6.4	<0.32	<0.33	<0.33	---	---	---	---	---	<0.32	<0.32	<0.32	<0.32	<0.32	---	---	---	<0.32	<0.32	<0.32	<0.32	700	*140*
Isopropylbenzene	ug/l	<1.7	<1.7	<1.7	<1.7	17	<33.7	<1.0	<1.0	<1.0	---	---	---	---	---	<1.7	<1.7	<1.7	<1.7	<1.7	---	---	---	<1.8	<1.8	<1.8	<1.8	---	---
p-Isopropyltoluene	ug/l	1.0J	<0.80	<0.80	<0.80	1.0J	<16	<1.0	<1.0	<1.0	---	---	---	---	---	<0.8	<0.8	<0.8	<0.8	<0.8	---	---	---	<0.8	<0.8	<0.8	<0.8	---	---
n-Propylbenzene	ug/l	0.91J	<0.81	<0.81	<0.81	<0.81	<16.2	<0.35	<0.35	<0.35	---	---	---	---	---	<0.81	<0.81	<0.81	<0.81	<0.81	---	---	---	<0.81	<0.81	<0.81	<0.81	---	---
Tetrachloroethene	ug/l	*1.4*	<0.33	<0.33	<0.33	**1570**	**1010**	**528**	**1300**	**1070**	**768**	**1220**	**966**	**1080**	**1190**	*1.0J*	0.35J	*2.1*	*4.1*	*0.58J*	<0.41	*1.2*	<0.41	*0.62J*	<0.33	<0.33	<0.33	5	*0.5*
Toluene	ug/l	1.7	<0.27	<0.27	<0.27	2.1	<5.4	<0.29	<0.29	<0.29	---	---	---	---	---	0.44J	<0.27	<0.27	<0.27	<0.27	---			0.31J	<0.27	<0.27	<0.27	800	*160*
Trichloroethene	ug/l	<0.26	<0.26	<0.26	<0.26	**39.7**	**17.7J**	**22.4**	**22.4**	**19.5J**	**17.6J**	**17.6J**	**24.9**	**20.8**	**24.6**	<0.26	<0.26	<0.26	<0.26	0.2J	*0.77J*	*1.5*	0.38J	<0.26	<0.26	<0.26	<0.26	5	*0.5*
Total Tirmethylbenzenes	ug/l	2.4J	<1.17	<1.17	<1.17	1.8J	<34.3	<0.81	<0.81	<0.81	---	---	---	---	---	<1.71	<1.71	<1.71	<1.71	<1.71	---			<1.71	<1.71	<1.71	<1.71	480	*96*
Vinyl Chloride	ug/l	**0.21J**	<0.17	<0.17	<0.17	**0.57J**	<3.5	<0.87	**0.54J**	**0.54J**	<3.5	<3.5	<0.17	<0.17	<3.5	**2.3**	<0.17	<0.17	<0.17	<0.17	**0.41J**	<0.17	<0.17	<0.17	<0.17	<0.17	<0.18	0.2	*0.02*
Total Xylenes	ug/l	5.1	<0.73	<1.05	<1.05	4.6	<14.5	<1.05	<1.05	<1.05	---	---	---	---	---	0.51J	<1.05	<1.05	<1.05	<1.05	---			<0.73	<0.73	<1.05	<1.05	2000	*400*
Detected RCRA Metals																													
Barium	ug/l	*563*	375	260	---	327	---	---	---	---	---	---	---		---	*430*	327	370	---	---	---	---	---	199	---	---	---	2000	*400*

Notes:
Bold concentrations exceed NR 140 Enforcement Standards
Italicized/underlined concentrations exceed NR 140 Preventive Action Limits
--- - Not analyzed/Not Established
ug/l -micrograms per liter
J - laboratory estimated concentration detected between the laboratory Limit of Detection and the Limit of Quantitation

Groundwater Analytical Results Table (page 4 of 4)
BMO Harris Bank - Green Bay
117 and 125 S. Chestnut Avenue
Green Bay, Wisconsin
BRRTS No. 02-05-585287

Analytical Parameter	Location	MW-10								MW-11							MW-12								MW-13		MW-14		MW-15			NR 140	
	Date	8/3/21	10/12/21	2/9/22	7/26/22	10/26/22	10/3/23	2/19/24	5/21/24	8/3/21	10/12/21	2/9/22	7/26/22	10/26/22	10/3/23	2/19/24	8/3/21	10/12/21	2/9/22	7/26/22	10/26/22	10/3/23	2/19/24	5/21/24	7/26/22	10/26/22	7/26/22	10/26/22	10/6/23	2/19/24	5/21/24	ES	PAL
Detected Ethane/Ethene																																
Ethane	ug/l	---	---	---	---	---	<0.39	<0.39	<0.39	---	---	---	---	---	<0.39	<0.39	---	---	---	---	---	<0.39	<0.39	<0.39	---	---	---	---	<0.39	<0.39	<0.39	---	---
Ethene	ug/l	---	---	---	---	---	<0.25	<0.25	<0.25	---	---	---	---	---	<0.25	<0.25	---	---	---	---	---	<0.25	<0.25	<0.25	---	---	---	---	<0.25	<0.25	<0.25	---	---
Detected VOCs																																
Benzene	ug/l	<0.3	<0.3	<0.3	---	---	---	---	---	<0.3	<0.3	<0.3	---	---	---	---	<0.3	<0.3	<0.3	---	---	---	---	---	<0.3	---	<0.3	---	---	---	---	**5**	*0.5*
Chloroform	ug/l	<1.2	<1.2	<1.2	---	---	---	---	---	<1.2	<1.2	<1.2	---	---	---	---	<1.2	<1.2	<1.2	---	---	---	---	---	<1.2	---	*1.7J*	---	---	---	---	**6**	*0.6*
n-Butylbenzene	ug/l	<0.86	<0.86	<0.86	---	---	---	---	---	<0.86	<0.86	<0.86	---	---	---	---	<0.86	<0.86	<0.86	---	---	---	---	---	<0.86	---	<0.86	---	---	---	---	---	---
sec-Butylbenzene	ug/l	<0.42	<0.42	<0.42	---	---	---	---	---	<0.42	<0.42	<0.42	---	---	---	---	<0.42	<0.42	<0.42	---	---	---	---	---	<0.42	---	<0.42	---	---	---	---	---	---
tert-Butylbenzene	ug/l	<0.59	<0.59	<0.59	---	---	---	---	---	<0.59	<0.59	<0.59	---	---	---	---	<0.59	<0.59	<0.59	---	---	---	---	---	<0.59	---	<0.59	---	---	---	---	---	---
1,2-Dichlorobenzene	ug/l	<0.33	<0.33	<0.33	---	---	---	---	---	<0.33	<0.33	<0.33	---	---	---	---	<0.33	<0.33	<0.33	---	---	---	---	---	<0.33	---	<0.33	---	---	---	---	**600**	*60*
Dichlorodifluoromethane	ug/l	<0.46	<0.46	<0.46	---	---	---	---	---	<0.46	<0.46	<0.46	---	---	---	---	<0.46	<0.46	<0.46	---	---	---	---	---	<0.46	---	<0.46	---	---	---	---	**1000**	*200*
cis-1,2-Dichloroethene	ug/l	<0.47	<0.47	<0.47	---	---	0.59J	<0.47	0.65J	<0.47	<0.47	<0.47	---	---	<0.47	<0.47	3.2	1.7	1.7	---	---	<2.4	1.5J	<2.4	<0.47	---	<0.47	---	<0.47	<0.47	<0.47	**70**	*7*
trans-1,2-Dichloroethene	ug/l	<0.53	<0.53	<0.53	---	---	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	---	---	<0.53	<0.53	<0.53	<0.53	<0.53	---	---	<2.6	1.5	<2.6	<0.53	---	<0.53	---	<0.53	<0.53	<0.53	**100**	*20*
1,2-Dichloropropane	ug/l	<0.45	<0.45	<0.45	---	---	---	---	---	<0.45	<0.45	<0.45	---	---	---	---	<0.45	<0.45	<0.45	---	---	---	---	---	<0.45	---	<0.45	---	---	---	---	**5**	*0.5*
Isopropylbenzene	ug/l	<1.0	<1.0	<1.0	---	---	---	---	---	<1.0	<1.0	<1.0	---	---	---	---	<1.0	<1.0	<1.0	---	---	---	---	---	<1.0	---	<1.0	---	---	---	---	---	---
p-Isopropyltoluene	ug/l	<1.0	<1.0	<1.0	---	---	---	---	---	<1.0	<1.0	<1.0	---	---	---	---	<1.0	<1.0	<1.0	---	---	---	---	---	<1.0	---	<1.0	---	---	---	---	---	---
n-Propylbenzene	ug/l	<0.35	<0.35	<0.35	---	---	---	---	---	<0.35	<0.35	<0.35	---	---	---	---	<0.35	<0.35	<0.35	---	---	---	---	---	<0.36	---	<0.36	---	---	---	---	---	---
Tetrachloroethene	ug/l	**13.4**	**39.3**	**12.8**	**72.6**	**53.7**	**207**	**158**	**170**	**7.9**	**36**	**17**	**23.1**	*4*	**44.7**	**18.7**	**138**	**378**	**234**	**341**	**175**	**391**	**293**	**297**	<0.41	<0.41	<0.41	<0.41	<0.41	*0.76J*	*1.1*	**5**	*0.5*
Trichloroethene	ug/l	*1.1*	*2.9*	*1.0*	*3.9*	*4.3*	**11.2**	**7.2**	**8.1**	*0.56J*	*1.5*	*0.93J*	*2.5*	*0.66J*	*3.5*	*1.7*	**27.2**	**44.9**	**36.5**	**43.7**	**50.2**	**50.2**	**42.1**	**37**	<0.32	<0.32	<0.32	<0.32	<0.32	*0.94J*	*1.1*	**5**	*0.5*
Total Tirmethylbenzenes	ug/l	<0.81	<0.81	<0.81	---	---	---	---	---	<0.81	<0.81	<0.81	---	---	---	---	<0.81	<0.81	<0.81	---	---	---	---	---	<0.81	---	<0.81	---	---	---	---	**480**	*96*
Vinyl Chloride	ug/l	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.7	<0.7	<0.87	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	**0.2**	*0.02*

Notes:
Bold concentrations exceed NR 140 Enforcement Standards
Italicized/underlined concentrations exceed NR 140 Preventive Action Limits
--- - Not analyzed/Not Established
ug/l -micrograms per liter

J - laboratory estimated concentration detected between the laboratory Limit of Detection and the Limit of Quantitation

Groundwater Elevations Table
BMO Harris Bank Branch
117-125 S. Chestnut Avenue
Green Bay, Wisconsin
BRRTS No. 02-05-585287

ELEVATIONS	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	P-1	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15
Surface	588.40	588.76	589.47	589.45	589.34	588.17	589.46	588.87	589.18	589.39	588.78	589.22	589.38	588.87	588.91
Top of Casing	587.98	588.41	589.12	589.10	588.99	587.67	589.11	588.48	588.83	589.07	588.40	588.94	588.96	588.45	588.60
Top of Screen	584.8	585.7	586.0	585.1	585.0	584.6	585.7	585.3	564.7	585.2	584.7	585.1	585.0	584.5	584.7
Bottom of Screen	574.8	575.7	576.0	575.1	575.0	574.6	575.7	575.3	559.7	575.2	574.7	575.1	575.0	574.5	574.7
Groundwater Elevations															
8/3/2020	584.14	584.83	583.70	584.89	584.92	---	---	---	---	---	---	---	---	---	---
12/14/2020	584.04	584.47	583.32	584.72	584.75	583.89	584.80	581.15	582.19	---	---	---	---	---	---
3/3/2021	583.42	583.50	582.67	583.95	583.98	583.67	584.21	581.06	581.49	---	---	---	---	---	---
8/3/2021	584.08	585.90	584.21	585.54	585.64	584.68	585.66	581.87	582.73	584.94	582.77	584.14	---	---	---
10/12/2021	584.67	586.16	584.42	585.68	585.82	585.11	585.83	581.64	583.47	585.13	585.44	586.12	---	---	---
2/9/2022	583.51	584.28	582.92	584.60	584.67	583.74	584.86	581.16	---	583.97	585.00	585.42	---	---	---
7/26/2022	584.95	585.80	---	585.78	585.95	585.11	586.07	---	582.75	585.05	584.86	584.83	584.98	585.47	585.47
10/26/2022	---	---	584.12	---	584.92	---	584.81	581.39	---	584.41	584.73	585.69	584.43	585.21	585.21
10/3/2023	583.99	584.36	583.81	584.59	584.62	---	584.44	581.08	---	584.17	584.27	584.74	---	---	577.8*
2/19/2024	584.03	---	583.77	584.88	---	---	584.69	582.01	---	584.04	584.54	584.43	---	---	584.05
5/21/2024	583.88	584.49	---	---	584.97	---	584.70	---	---	584.06	---	584.83	---	---	584.32

Notes:
Benchmark - hydrant bonnet flange located on NW corner of Howard and Chestnut (EL. 590.53) * water level measured on 10/6/2023

VAPOR ANALYTICAL TABLE

BMO Harris Bank-Green Bay
117 and 125 S. Chestnut Street
Green Bay, Wisconsin
BRRTS No. 02-05-585287

Analytical Parameter	Sample Depth / Date / Units	VP-1 6' 12/2/20	VP-2 4' 12/2/20	VP-3 3' 12/2/20	VP-4 12/2/20	VP-4 10/19/21	VP-5[1] 10/13/21	VP-6[2] 10/13/21	VP-7[3] 10/13/21	SS-1 9/26/23	SS-1 2/16/24	AA-1[4] 10/6/23	AA-1[4] 2/28/24	WDNR Indoor Air VALs (Non-residential) ug/m³	WDNR VRSLs (Small Commercial Building) ug/m³	WDNR VRSLs (Residential Building) ug/m³
Chlorinated VOCs																
Chloroform	ug/m³	---	---	---	---	0.83J	0.54J	<0.3	88	---	---	---	---	5.3	180	41
1,2-Dichloroethane	ug/m³	---	---	---	---	0.283J	0.283J	0.32J	0.49J	---	---	---	---	4.7	160	36
cis 1,2-Dichloroethene	ug/m³	0.79	0.32J	<0.197	<0.197	<0.197	<0.197	<0.197	20.8	<0.197	<1.97	<0.11	<0.11	---	---	---
trans 1,2-Dichloroethene	ug/m³	0.59J	<0.231	<0.231	<0.231	<0.231	<0.231	<0.231	0.52J	0.52J	<2.31	<0.23	<0.23	---	---	---
Tetrachloroethene	ug/m³	102	77	67	103	360	2.65	2.38	86	201	320	8.2	1.4	180	6,000	1,400
Trichloroethene	ug/m³	2.73	0.8	0.59J	0.59J	12.7	3.05	2.89	29.6	4.0	<2.37	<0.10	<0.10	8.8	290	70
Vinyl chloride	ug/m³	<0.148	<0.148	<0.148	<0.148	<0.148	<0.148	<0.148	1.3	<0.148	<1.48	---	---	440	930	57

Notes:

Bold concentrations exceed WDNR Vapor Risk Screening Levels (Industrial Building)
-- Not Established/Not Analyzed
ug/m³ = micrograms per cubic meter
WDNR Indoor Air Vapor Action Levels (VALs) used to evaluate indoor air concentrations
WDNR Vapor Risk Screeninig Levels (VRSLs) used to evaluate sub-slab and groundwater concentrations
VP-1, VP-2, VP-3 soil vapor samples collected within backfill along existing utility lines
VP-4: sub-slab vapor sample collected in eastern end of building
1 - VP-5 sample collected in manhole located upgradient of sanitary lateral
2 - VP-6 sample collected in manhole located immediately downgradient of sanitary lateral
3 - VP-7 sample collected in manhole located in Howard Street
SS-1: sub-slab vapor sample collected from vapor point installed in employee bathroom (north)
AA-1: passive vapor sample collected from employer bathroom (south)
4 - lab indicated they could not test for VC with the test method used

APPENDIX C

Laboratory Analytical Reports and Chain of Custody Forms

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

May 30, 2024

Patrick Patterson
PSI
821 Corporate Ct.
Suite 100
Waukesha, WI 53189

RE: Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

Dear Patrick Patterson:

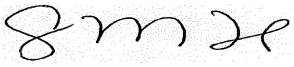
Enclosed are the analytical results for sample(s) received by the laboratory on May 21, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted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



Angela Lane
angela.lane@pacelabs.com
(920)469-2436
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

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: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40278573001	**MW-2**	Water	05/21/24 11:00	05/21/24 12:26
40278573002	**MW-3**	Water	05/21/24 11:05	05/21/24 12:26
40278573003	**MW-6**	Water	05/21/24 11:15	05/21/24 12:26
40278573004	**MW-8**	Water	05/21/24 11:30	05/21/24 12:26
40278573005	**MW-10**	Water	05/21/24 11:20	05/21/24 12:26
40278573006	**MW-12**	Water	05/21/24 11:25	05/21/24 12:26
40278573007	**MW-15**	Water	05/21/24 11:10	05/21/24 12:26

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40278573001	**MW-2**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	13	PASI-G
40278573002	**MW-3**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	13	PASI-G
40278573003	**MW-6**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	13	PASI-G
40278573004	**MW-8**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	13	PASI-G
40278573005	**MW-10**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	13	PASI-G
40278573006	**MW-12**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	13	PASI-G
40278573007	**MW-15**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	13	PASI-G

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

SUMMARY OF DETECTION

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40278573001	**MW-2**					
EPA 8015B Modified	Ethane	2.6J	ug/L	5.6	05/29/24 11:03	
EPA 8015B Modified	Ethene	0.46J	ug/L	5.0	05/29/24 11:03	
EPA 8260	cis-1,2-Dichloroethene	0.59J	ug/L	1.0	05/24/24 13:19	
EPA 8260	Vinyl chloride	0.54J	ug/L	1.0	05/24/24 13:19	
40278573002	**MW-3**					
EPA 8015B Modified	Ethane	0.67J	ug/L	5.6	05/29/24 11:10	
EPA 8260	cis-1,2-Dichloroethene	1.1	ug/L	1.0	05/24/24 13:36	
EPA 8260	Vinyl chloride	0.94J	ug/L	1.0	05/24/24 13:36	
40278573003	**MW-6**					
EPA 8260	cis-1,2-Dichloroethene	0.61J	ug/L	1.0	05/24/24 13:54	
EPA 8260	trans-1,2-Dichloroethene	0.69J	ug/L	1.0	05/24/24 13:54	
EPA 8260	Tetrachloroethene	0.97J	ug/L	1.0	05/24/24 13:54	
EPA 8260	Trichloroethene	0.66J	ug/L	1.0	05/24/24 13:54	
EPA 8260	Vinyl chloride	0.33J	ug/L	1.0	05/24/24 13:54	
40278573004	**MW-8**					
EPA 8260	Tetrachloroethene	1190	ug/L	20.0	05/23/24 23:43	
EPA 8260	Trichloroethene	24.6	ug/L	20.0	05/23/24 23:43	
40278573005	**MW-10**					
EPA 8260	cis-1,2-Dichloroethene	0.65J	ug/L	1.0	05/23/24 23:25	
EPA 8260	Tetrachloroethene	170	ug/L	1.0	05/23/24 23:25	
EPA 8260	Trichloroethene	8.1	ug/L	1.0	05/23/24 23:25	
40278573006	**MW-12**					
EPA 8260	Tetrachloroethene	297	ug/L	4.0	05/24/24 00:01	
EPA 8260	Trichloroethene	37.0	ug/L	4.0	05/24/24 00:01	
40278573007	**MW-15**					
EPA 8260	Tetrachloroethene	1.1	ug/L	1.0	05/28/24 14:13	
EPA 8260	Trichloroethene	1.1	ug/L	1.0	05/28/24 14:13	

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

Method: **EPA 8015B Modified**
Description: Methane, Ethane, Ethene GCV
Client: PSI - Waukesha
Date: May 30, 2024

General Information:
7 samples were analyzed for EPA 8015B Modified by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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

PROJECT NARRATIVE

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

Method: **EPA 8260**
Description: 8260 MSV
Client: PSI - Waukesha
Date: May 30, 2024

General Information:
7 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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

ANALYTICAL RESULTS

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

Sample: MW-2 **Lab ID: 40278573001** Collected: 05/21/24 11:00 Received: 05/21/24 12:26 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**2.6J**	ug/L	5.6	0.39	1		05/29/24 11:03	74-84-0	
Ethene	**0.46J**	ug/L	5.0	0.25	1		05/29/24 11:03	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		05/24/24 13:19	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		05/24/24 13:19	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		05/24/24 13:19	75-35-4	
cis-1,2-Dichloroethene	**0.59J**	ug/L	1.0	0.47	1		05/24/24 13:19	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		05/24/24 13:19	156-60-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		05/24/24 13:19	127-18-4	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		05/24/24 13:19	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		05/24/24 13:19	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		05/24/24 13:19	79-01-6	
Vinyl chloride	**0.54J**	ug/L	1.0	0.17	1		05/24/24 13:19	75-01-4	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		05/24/24 13:19	2199-69-1	
4-Bromofluorobenzene (S)	105	%	70-130		1		05/24/24 13:19	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		05/24/24 13:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

Sample: MW-3 **Lab ID: 40278573002** Collected: 05/21/24 11:05 Received: 05/21/24 12:26 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**0.67J**	ug/L	5.6	0.39	1		05/29/24 11:10	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		05/29/24 11:10	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		05/24/24 13:36	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		05/24/24 13:36	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		05/24/24 13:36	75-35-4	
cis-1,2-Dichloroethene	**1.1**	ug/L	1.0	0.47	1		05/24/24 13:36	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		05/24/24 13:36	156-60-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		05/24/24 13:36	127-18-4	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		05/24/24 13:36	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		05/24/24 13:36	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		05/24/24 13:36	79-01-6	
Vinyl chloride	**0.94J**	ug/L	1.0	0.17	1		05/24/24 13:36	75-01-4	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		05/24/24 13:36	2199-69-1	
4-Bromofluorobenzene (S)	103	%	70-130		1		05/24/24 13:36	460-00-4	
Toluene-d8 (S)	106	%	70-130		1		05/24/24 13:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

Sample: MW-6 **Lab ID: 40278573003** Collected: 05/21/24 11:15 Received: 05/21/24 12:26 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		05/29/24 11:17	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		05/29/24 11:17	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		05/24/24 13:54	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		05/24/24 13:54	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		05/24/24 13:54	75-35-4	
cis-1,2-Dichloroethene	**0.61J**	ug/L	1.0	0.47	1		05/24/24 13:54	156-59-2	
trans-1,2-Dichloroethene	**0.69J**	ug/L	1.0	0.53	1		05/24/24 13:54	156-60-5	
Tetrachloroethene	**0.97J**	ug/L	1.0	0.41	1		05/24/24 13:54	127-18-4	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		05/24/24 13:54	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		05/24/24 13:54	79-00-5	
Trichloroethene	**0.66J**	ug/L	1.0	0.32	1		05/24/24 13:54	79-01-6	
Vinyl chloride	**0.33J**	ug/L	1.0	0.17	1		05/24/24 13:54	75-01-4	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		05/24/24 13:54	2199-69-1	
4-Bromofluorobenzene (S)	100	%	70-130		1		05/24/24 13:54	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		05/24/24 13:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

Sample: MW-8 **Lab ID: 40278573004** Collected: 05/21/24 11:30 Received: 05/21/24 12:26 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		05/29/24 11:24	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		05/29/24 11:24	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1-Dichloroethane	**<5.9**	ug/L	20.0	5.9	20		05/23/24 23:43	75-34-3	
1,2-Dichloroethane	**<5.8**	ug/L	20.0	5.8	20		05/23/24 23:43	107-06-2	
1,1-Dichloroethene	**<11.6**	ug/L	20.0	11.6	20		05/23/24 23:43	75-35-4	
cis-1,2-Dichloroethene	**<9.4**	ug/L	20.0	9.4	20		05/23/24 23:43	156-59-2	
trans-1,2-Dichloroethene	**<10.6**	ug/L	20.0	10.6	20		05/23/24 23:43	156-60-5	
Tetrachloroethene	**1190**	ug/L	20.0	8.2	20		05/23/24 23:43	127-18-4	
1,1,1-Trichloroethane	**<6.1**	ug/L	20.0	6.1	20		05/23/24 23:43	71-55-6	
1,1,2-Trichloroethane	**<6.9**	ug/L	20.0	6.9	20		05/23/24 23:43	79-00-5	
Trichloroethene	**24.6**	ug/L	20.0	6.4	20		05/23/24 23:43	79-01-6	
Vinyl chloride	**<3.5**	ug/L	20.0	3.5	20		05/23/24 23:43	75-01-4	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		20		05/23/24 23:43	2199-69-1	
4-Bromofluorobenzene (S)	101	%	70-130		20		05/23/24 23:43	460-00-4	
Toluene-d8 (S)	107	%	70-130		20		05/23/24 23:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

Sample: MW-10 **Lab ID: 40278573005** Collected: 05/21/24 11:20 Received: 05/21/24 12:26 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		05/29/24 11:32	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		05/29/24 11:32	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		05/23/24 23:25	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		05/23/24 23:25	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		05/23/24 23:25	75-35-4	
cis-1,2-Dichloroethene	**0.65J**	ug/L	1.0	0.47	1		05/23/24 23:25	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		05/23/24 23:25	156-60-5	
Tetrachloroethene	**170**	ug/L	1.0	0.41	1		05/23/24 23:25	127-18-4	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		05/23/24 23:25	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		05/23/24 23:25	79-00-5	
Trichloroethene	**8.1**	ug/L	1.0	0.32	1		05/23/24 23:25	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		05/23/24 23:25	75-01-4	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		05/23/24 23:25	2199-69-1	
4-Bromofluorobenzene (S)	103	%	70-130		1		05/23/24 23:25	460-00-4	
Toluene-d8 (S)	105	%	70-130		1		05/23/24 23:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

Sample: MW-12 **Lab ID: 40278573006** Collected: 05/21/24 11:25 Received: 05/21/24 12:26 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		05/29/24 11:39	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		05/29/24 11:39	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1-Dichloroethane	**<1.2**	ug/L	4.0	1.2	4		05/24/24 00:01	75-34-3	
1,2-Dichloroethane	**<1.2**	ug/L	4.0	1.2	4		05/24/24 00:01	107-06-2	
1,1-Dichloroethene	**<2.3**	ug/L	4.0	2.3	4		05/24/24 00:01	75-35-4	
cis-1,2-Dichloroethene	**<1.9**	ug/L	4.0	1.9	4		05/24/24 00:01	156-59-2	
trans-1,2-Dichloroethene	**<2.1**	ug/L	4.0	2.1	4		05/24/24 00:01	156-60-5	
Tetrachloroethene	**297**	ug/L	4.0	1.6	4		05/24/24 00:01	127-18-4	
1,1,1-Trichloroethane	**<1.2**	ug/L	4.0	1.2	4		05/24/24 00:01	71-55-6	
1,1,2-Trichloroethane	**<1.4**	ug/L	4.0	1.4	4		05/24/24 00:01	79-00-5	
Trichloroethene	**37.0**	ug/L	4.0	1.3	4		05/24/24 00:01	79-01-6	
Vinyl chloride	**<0.70**	ug/L	4.0	0.70	4		05/24/24 00:01	75-01-4	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		4		05/24/24 00:01	2199-69-1	
4-Bromofluorobenzene (S)	104	%	70-130		4		05/24/24 00:01	460-00-4	
Toluene-d8 (S)	104	%	70-130		4		05/24/24 00:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

Sample: MW-15 **Lab ID: 40278573007** Collected: 05/21/24 11:10 Received: 05/21/24 12:26 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		05/29/24 11:46	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		05/29/24 11:46	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		05/28/24 14:13	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		05/28/24 14:13	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		05/28/24 14:13	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		05/28/24 14:13	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		05/28/24 14:13	156-60-5	
Tetrachloroethene	**1.1**	ug/L	1.0	0.41	1		05/28/24 14:13	127-18-4	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		05/28/24 14:13	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		05/28/24 14:13	79-00-5	
Trichloroethene	**1.1**	ug/L	1.0	0.32	1		05/28/24 14:13	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		05/28/24 14:13	75-01-4	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		05/28/24 14:13	2199-69-1	
4-Bromofluorobenzene (S)	103	%	70-130		1		05/28/24 14:13	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		05/28/24 14:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

QC Batch: 475449
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40278573001, 40278573002, 40278573003, 40278573004, 40278573005, 40278573006, 40278573007

METHOD BLANK: 2723195 Matrix: Water
Associated Lab Samples: 40278573001, 40278573002, 40278573003, 40278573004, 40278573005, 40278573006, 40278573007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	05/29/24 10:28	
Ethene	ug/L	<0.25	5.0	05/29/24 10:28	

LABORATORY CONTROL SAMPLE & LCSD: 2723196 2723197

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	51.9	56.6	97	106	74-122	9	20	
Ethene	ug/L	50	48.1	52.3	96	105	74-121	8	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2723198 2723199

Parameter	Units	40278807003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<0.39	53.6	53.6	53.8	54.6	100	102	71-120	2	20	
Ethene	ug/L	<0.25	50	50	49.7	50.4	99	101	69-120	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

QC Batch: 475027
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40278573007

METHOD BLANK: 2720728 Matrix: Water
Associated Lab Samples: 40278573007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	05/28/24 09:44	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	05/28/24 09:44	
1,1-Dichloroethane	ug/L	<0.30	1.0	05/28/24 09:44	
1,1-Dichloroethene	ug/L	<0.58	1.0	05/28/24 09:44	
1,2-Dichloroethane	ug/L	<0.29	1.0	05/28/24 09:44	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	05/28/24 09:44	
Tetrachloroethene	ug/L	<0.41	1.0	05/28/24 09:44	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	05/28/24 09:44	
Trichloroethene	ug/L	<0.32	1.0	05/28/24 09:44	
Vinyl chloride	ug/L	<0.17	1.0	05/28/24 09:44	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	05/28/24 09:44	
4-Bromofluorobenzene (S)	%	105	70-130	05/28/24 09:44	
Toluene-d8 (S)	%	105	70-130	05/28/24 09:44	

LABORATORY CONTROL SAMPLE: 2720729

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.9	102	70-132	
1,1,2-Trichloroethane	ug/L	50	52.4	105	70-130	
1,1-Dichloroethane	ug/L	50	48.6	97	70-130	
1,1-Dichloroethene	ug/L	50	45.0	90	73-140	
1,2-Dichloroethane	ug/L	50	54.7	109	70-130	
cis-1,2-Dichloroethene	ug/L	50	46.9	94	70-130	
Tetrachloroethene	ug/L	50	52.1	104	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.0	104	70-131	
Trichloroethene	ug/L	50	50.5	101	70-130	
Vinyl chloride	ug/L	50	45.0	90	51-145	
1,2-Dichlorobenzene-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2720730 2720731

Parameter	Units	40278574001 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	<7.6	1250	1250	1290	1310	103	105	70-132	1	20	
1,1,2-Trichloroethane	ug/L	<8.6	1250	1250	1340	1330	107	107	70-130	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2720730 2720731

Parameter	Units	40278574001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethane	ug/L	<7.4	1250	1250	1270	1290	102	103	70-131	1	20	
1,1-Dichloroethene	ug/L	<14.6	1250	1250	1160	1170	93	93	69-146	1	20	
1,2-Dichloroethane	ug/L	<7.3	1250	1250	1510	1450	121	116	70-130	4	20	
cis-1,2-Dichloroethene	ug/L	<11.8	1250	1250	1220	1220	98	98	70-130	0	20	
Tetrachloroethene	ug/L	<10.2	1250	1250	1360	1320	109	106	70-131	3	20	
trans-1,2-Dichloroethene	ug/L	<13.2	1250	1250	1150	1180	92	94	70-135	2	20	
Trichloroethene	ug/L	<8.0	1250	1250	1320	1300	105	104	70-130	1	20	
Vinyl chloride	ug/L	<4.4	1250	1250	1120	1110	90	89	45-147	1	20	
1,2-Dichlorobenzene-d4 (S)	%						102	100	70-130			
4-Bromofluorobenzene (S)	%						107	104	70-130			
Toluene-d8 (S)	%						103	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

QC Batch: 475028
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40278573004, 40278573005, 40278573006

METHOD BLANK: 2720732 Matrix: Water
Associated Lab Samples: 40278573004, 40278573005, 40278573006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	05/23/24 14:45	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	05/23/24 14:45	
1,1-Dichloroethane	ug/L	<0.30	1.0	05/23/24 14:45	
1,1-Dichloroethene	ug/L	<0.58	1.0	05/23/24 14:45	
1,2-Dichloroethane	ug/L	<0.29	1.0	05/23/24 14:45	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	05/23/24 14:45	
Tetrachloroethene	ug/L	<0.41	1.0	05/23/24 14:45	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	05/23/24 14:45	
Trichloroethene	ug/L	<0.32	1.0	05/23/24 14:45	
Vinyl chloride	ug/L	<0.17	1.0	05/23/24 14:45	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	05/23/24 14:45	
4-Bromofluorobenzene (S)	%	104	70-130	05/23/24 14:45	
Toluene-d8 (S)	%	104	70-130	05/23/24 14:45	

LABORATORY CONTROL SAMPLE: 2720733

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.2	98	70-132	
1,1,2-Trichloroethane	ug/L	50	50.9	102	70-130	
1,1-Dichloroethane	ug/L	50	51.4	103	70-130	
1,1-Dichloroethene	ug/L	50	44.4	89	73-140	
1,2-Dichloroethane	ug/L	50	55.8	112	70-130	
cis-1,2-Dichloroethene	ug/L	50	46.6	93	70-130	
Tetrachloroethene	ug/L	50	50.2	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.0	96	70-131	
Trichloroethene	ug/L	50	49.3	99	70-130	
Vinyl chloride	ug/L	50	45.6	91	51-145	
1,2-Dichlorobenzene-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			106	70-130	
Toluene-d8 (S)	%			105	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2721669 2721670

Parameter	Units	40278579003 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	49.2	48.8	98	98	70-132	1	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	52.0	51.1	104	102	70-130	2	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2721669 2721670

Parameter	Units	40278579003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethane	ug/L	<0.30	50	50	50.3	50.4	101	101	70-131	0	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	45.7	44.6	91	89	69-146	2	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	56.8	55.9	114	112	70-130	2	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	46.5	46.0	93	92	70-130	1	20	
Tetrachloroethene	ug/L	<0.41	50	50	49.7	50.9	99	102	70-131	2	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	41.5	50.6	83	101	70-135	20	20	
Trichloroethene	ug/L	<0.32	50	50	50.6	49.3	101	99	70-130	3	20	
Vinyl chloride	ug/L	<0.17	50	50	44.5	43.5	89	87	45-147	2	20	
1,2-Dichlorobenzene-d4 (S)	%						99	98	70-130			
4-Bromofluorobenzene (S)	%						107	106	70-130			
Toluene-d8 (S)	%						105	105	70-130			

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QUALITY CONTROL DATA

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

QC Batch: 475147
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40278573001, 40278573002, 40278573003

METHOD BLANK: 2721190 Matrix: Water
Associated Lab Samples: 40278573001, 40278573002, 40278573003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	05/24/24 10:56	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	05/24/24 10:56	
1,1-Dichloroethane	ug/L	<0.30	1.0	05/24/24 10:56	
1,1-Dichloroethene	ug/L	<0.58	1.0	05/24/24 10:56	
1,2-Dichloroethane	ug/L	<0.29	1.0	05/24/24 10:56	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	05/24/24 10:56	
Tetrachloroethene	ug/L	<0.41	1.0	05/24/24 10:56	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	05/24/24 10:56	
Trichloroethene	ug/L	<0.32	1.0	05/24/24 10:56	
Vinyl chloride	ug/L	<0.17	1.0	05/24/24 10:56	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	05/24/24 10:56	
4-Bromofluorobenzene (S)	%	103	70-130	05/24/24 10:56	
Toluene-d8 (S)	%	103	70-130	05/24/24 10:56	

LABORATORY CONTROL SAMPLE: 2721191

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	46.4	93	70-132	
1,1,2-Trichloroethane	ug/L	50	49.7	99	70-130	
1,1-Dichloroethane	ug/L	50	48.6	97	70-130	
1,1-Dichloroethene	ug/L	50	43.5	87	73-140	
1,2-Dichloroethane	ug/L	50	53.3	107	70-130	
cis-1,2-Dichloroethene	ug/L	50	44.2	88	70-130	
Tetrachloroethene	ug/L	50	48.4	97	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.4	103	70-131	
Trichloroethene	ug/L	50	48.0	96	70-130	
Vinyl chloride	ug/L	50	34.9	70	51-145	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			106	70-130	
Toluene-d8 (S)	%			104	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2722092 2722093

Parameter	Units	40278616001 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	48.1	50.2	96	100	70-132	4	20	

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REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2722092 2722093

Parameter	Units	40278616001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,2-Trichloroethane	ug/L	<0.00034 mg/L	50	50	51.4	53.0	103	106	70-130	3	20	
1,1-Dichloroethane	ug/L	<0.00030 mg/L	50	50	49.4	50.8	99	102	70-131	3	20	
1,1-Dichloroethene	ug/L	<0.00058 mg/L	50	50	42.5	45.0	85	90	69-146	6	20	
1,2-Dichloroethane	ug/L	<0.00029 mg/L	50	50	56.0	58.1	112	116	70-130	4	20	
cis-1,2-Dichloroethene	ug/L	0.0012 mg/L	50	50	47.8	48.8	93	95	70-130	2	20	
Tetrachloroethene	ug/L	<0.00041 mg/L	50	50	48.1	49.1	96	98	70-131	2	20	
trans-1,2-Dichloroethene	ug/L	<0.00053 mg/L	50	50	51.2	52.5	102	105	70-135	2	20	
Trichloroethene	ug/L	0.0013 mg/L	50	50	49.6	51.2	97	100	70-130	3	20	
Vinyl chloride	ug/L	<0.00017 mg/L	50	50	34.8	35.9	70	72	45-147	3	20	
1,2-Dichlorobenzene-d4 (S)	%						97	98	70-130			
4-Bromofluorobenzene (S)	%						103	105	70-130			
Toluene-d8 (S)	%						106	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

QUALIFIERS

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

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
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 00542978 FORMER BMO-GREEN BAY
Pace Project No.: 40278573

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40278573001	**MW-2**	EPA 8015B Modified	475449		
40278573002	**MW-3**	EPA 8015B Modified	475449		
40278573003	**MW-6**	EPA 8015B Modified	475449		
40278573004	**MW-8**	EPA 8015B Modified	475449		
40278573005	**MW-10**	EPA 8015B Modified	475449		
40278573006	**MW-12**	EPA 8015B Modified	475449		
40278573007	**MW-15**	EPA 8015B Modified	475449		
40278573001	**MW-2**	EPA 8260	475147		
40278573002	**MW-3**	EPA 8260	475147		
40278573003	**MW-6**	EPA 8260	475147		
40278573004	**MW-8**	EPA 8260	475028		
40278573005	**MW-10**	EPA 8260	475028		
40278573006	**MW-12**	EPA 8260	475028		
40278573007	**MW-15**	EPA 8260	475027		

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: 40278573

ALL SHADED AREAS are for LAB USE ONLY

Company: PSI, Inc	Billing Information: Same
Address: 821 Corporate Ct, Waukesha	
Report To: Pat Patterson	Email To:
Copy To:	Site Collection Info/Address: Former BMO – Green Bay
Customer Project Name/Number: 00542978	State: WI County/City: Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: 262-521-2125 Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Kuy Herpel	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Kuy Herpel	Turnaround Date Required: Immediately Packed on Ice: [ ] 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:

Container Preservative Type **: 3

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

Lab Project Manager:

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: PCE, TCE, DCE, VC, Ethene, Ethane	Lab Profile/Line:
MW-2	GW		5/21	1100				3	X	001
MW-3	"		"	1105				"	"	002
MW-6	"		"	1115				"	"	003
MW-8	"		"	1130				"	"	004
MW-10	"		"	1120				"	"	005
MW-12	"		"	1125				"	"	006
MW-15	V		V	1110				V	V	007

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (1)

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2887359

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 13
Cooler 1 Temp Upon Receipt: 0.5 oC
Cooler 1 Therm Corr. Factor: 1.0
Cooler 1 Corrected Temp: 1.0 oC
Comments:

Relinquished by/Company: (Signature) Kuy Herpel	Date/Time: 5/21/24 12:26	Received by/Company: (Signature)	Date/Time: 5/21/24 1226
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
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

Sample Preservation Receipt Form

Client Name: PSI Project # 402785 73

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):

	Glass						Plastic						Vials						Jars				General								
Pace Lab #	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	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																	VOA																	2.5 / 5
002																	VOA																	2.5 / 5
003																	VOA																	2.5 / 5
004																	VOA																	2.5 / 5
005																	VOA																	2.5 / 5
006																	VOA																	2.5 / 5
007																	VOA																	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					Matt Shirley																													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# : 40278573

40278573

Client Name: PS1

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: 0.5 /Corr: 1.0

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

Person examining contents:
Date: 5/21/24 /Initials: MH

Labeled By Initials: SG

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

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒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		No times mH 5/21/24
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