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August 3, 2023

Mr. Riley Neumann
Wisconsin Department of Natural Resources
2300 North Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-3128

Re: ***Quarterly Groundwater Sampling Report***
(July 2023 Results)
BRRTS #: 02-41-576336 & 02-41-579429
FID #: 241828620
Sunrise Shopping Center
2410-2424 10th Avenue & 1009 Marquette Avenue
South Milwaukee, Wisconsin 53172

Mr. Neumann:

Please find enclosed the *Quarterly Groundwater Sampling Report* for the Sunrise Shopping Center facility located at the above-referenced address. Quarterly groundwater sampling of three (3) monitoring wells on-site continues to monitor any changes in Polynuclear Aromatic Hydrocarbon (PAH) and Tetrachloroethene (Perc) concentrations. PAH groundwater contaminant concentrations are monitored at MW-3 and MW-4 to assess if there is a need for remedial actions. Sampling for Perc concentrations in MW-5 continues to assess remedial progress and to determine plume stability.

A brief discussion of the quarterly sampling protocol and results of the July 2023 groundwater sampling are included in this quarterly report. As required, this quarterly report and all supporting documentation have also been submitted electronically to WDNR. If you have any questions or require additional information in regard to this submission, please contact me at (847) 9963-3580. Thank you for your time.

Sincerely,
DAI Environmental, Inc.

Christopher Cailles

Christopher Cailles, P.E.
Project Engineer

Enclosure

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QUARTERLY GROUNDWATER SAMPLING REPORT
(JULY 2023 RESULTS)
SUNRISE SHOPPING CENTER
2410-2424 10TH AVENUE & 1009 MARQUETTE AVENUE
SOUTH MILWAUKEE, WISCONSIN 53172
WDNR BRRTS ACTIVITY #02-41-576336 & 02-41-579429
WDNR FID #241828620

August 3, 2023

DAI Project Number: 6255

Prepared For:
Carol Investment Corporation
1410 South Clinton Street
Chicago, IL 60607

Prepared By:
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Lake Forest, Illinois 60045

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1.0 INTRODUCTION

Quarterly groundwater sampling has been conducted since January 2018 as part of the Remedial Actions performed at the Sunrise Shopping Center facility, addressed as 2410-2424 10th Avenue and 1009 Marquette Avenue in South Milwaukee, Wisconsin (Site). Figure B.1.b.1 in Attachment B provides an aerial view of the Site and surrounding property. Volatile Organic Compound (VOC) contamination at the Site was assigned BRRTS number 02-41-576336, and Polynuclear Aromatic Hydrocarbon (PAH) contamination was assigned BRRTS number 02-41-579429. As part of the Remedial Actions, quarterly groundwater sampling has been conducted since January 2018. A brief discussion of the quarterly sampling protocol and results are provided below.

2.0 QUARTERLY GROUNDWATER SAMPLING PROGRAM

Quarterly groundwater sampling was first performed on January 5, 2018. The first quarterly sampling event included a complete round of sampling from each of six (6) monitoring wells (MW-1 to MW-5 and MW-201) installed at the Site. Figure B.3.d provides the locations of the monitoring wells. As proposed in the December 28, 2017, *Site Investigation Work Plan*, the groundwater samples from all monitoring wells were submitted for analysis of PAHs, and a sample from MW-5 was also collected for VOC analysis. Results of the January 2018 groundwater sampling were provided to the Wisconsin Department of Natural Resources (WDNR) in the *Site Investigation Report Amendment Addendum* dated February 28, 2018. Results of subsequent 2018 quarterly sampling events were provided in *Quarterly Groundwater Sampling Reports*.

2.1 Quarterly Sampling Protocol

Based upon the results of the January 2018 sampling event, quarterly groundwater sampling is conducted at monitoring wells MW-3 to MW-5. Since no contamination was observed in monitoring wells MW-1, MW-2, or MW-201, no groundwater samples are collected from these wells as part of the quarterly sampling protocol. Four (4) additional groundwater monitoring wells (MW-600 to MW-603) were installed in January 2022 (see Figure B.3.d), which are not part of the quarterly groundwater sampling, but have been used for static water elevation measurements.

The purpose of the quarterly groundwater sampling is to monitor any changes in groundwater contaminant concentrations. The groundwater sampling has documented Tetrachloroethene (Perc) groundwater concentrations before, during, and following the chemical treatment Remedial Actions, as well as PAH groundwater concentrations. The quarterly groundwater sampling has been performed as follows:

- Static water level measurements are collected from all accessible monitoring wells using an electronic water level indicator capable of detecting water depth with an accuracy of ±0.01 ft;
- Groundwater samples are collected from monitoring wells MW-3 and MW-4 for laboratory analysis of PAHs; and
- A groundwater sample is collected from monitoring well MW-5 for laboratory analysis of VOCs.

2.2 Groundwater Sampling Procedures and Chemical Analysis

Consistent with sampling protocol followed during Site Investigation activities, the three (3) monitoring wells were purged prior to sample collection, to the extent practicable, to remove turbidity from the groundwater and allow the collection of a sediment-free sample that was representative of the surrounding groundwater conditions. Following purging, groundwater samples were collected from MW-3 to MW-5. Monitoring wells MW-4 and MW-5 were sampled using disposable PVC bailers; a groundwater sample was obtained from MW-3 using a peristaltic pump with dedicated PVC tubing. Groundwater samples were distributed directly into the appropriate sample containers for subsequent laboratory analyses as follows:

- MW-5: VOCs via USEPA Method SW8260; and
- MW-3 and MW-4: PAHs via USEPA Method SW8270E by SIM.

The sample submitted for analysis of VOCs was dispensed into 40-mL vials preserved with hydrochloric acid, and the samples submitted for analysis of PAHs were dispensed into unpreserved 100-mL amber glass containers. New disposable nitrile gloves were used to collect each sample to limit cross contamination. The samples were stored on ice immediately after collection and were maintained at a temperature of 4^{o}C or lower via a cooler with ice. Samples were ultimately transferred to Pace Analytical Services, LLC (Pace Analytical) of Green Bay, Wisconsin, an independent analytical laboratory following the standard chain-of-custody procedures.

3.0 QUARTERLY GROUNDWATER SAMPLING RESULTS

3.1 Static Groundwater Elevations

To evaluate potential seasonal fluctuation in static water elevation and/or groundwater flow direction, static groundwater elevations have been collected every quarter since January 2019, with the exception of this most recent third quarter 2023. Table A.6 in Attachment A provides a historical summary of groundwater elevation information.

Review of Table A.6 and the most recent potentiometric surface maps generated in 2022 through May 2023 indicated relatively high variability in elevation between quarters, and that monitoring wells MW-1 and MW-3 are most influenced by large areas of backfill. However, a consistently observed groundwater flow direction to the east-northeast within the southern half of the Site and north-northeasterly within the northern half of the Site.

3.2 Groundwater Analytical Results

Groundwater samples for the third quarter of 2023 (i.e., July-September 2023) were collected on July 10, 2023, following the protocol described in Section 2.2. The groundwater sample collected from MW-5 was analyzed for VOCs, and the samples from MW-3 and MW-4 were analyzed for PAHs. A summary of all groundwater sampling data collected from monitoring wells MW-3 to MW-5 since the beginning of Site Investigations is provided Tables A.1.A-A.1.B of Attachment A. The tables are compared to the Preventative Action Limits PAL (PALs) and Enforcement Standards listed in Table 1 of NR 140. A copy of the laboratory analytical report for the third quarter 2023 sampling is provided in this report as Attachment C.1.E.

<u>Volatile Organic Compounds</u>

Table A.1.A summarizes the quarterly groundwater sampling results from MW-5 for Perc and Trichloroethene (TCE), which are the only VOCs of concern observed in the groundwater (previous quarterly reports include a full summary of VOC analyses). Results of groundwater sampling at MW-5, installed to the rear of the 2410 tenant space (former Sunbrite Cleaners location), have indicated Perc at concentrations exceeding the Enforcement Standard of 0.005-mg/L since February 2016. These Perc concentrations increased through October 2018, followed

by a decline in concentration, and then a period of general stability between September 2019 and May 2021. The Perc concentrations between August 2021 and November 2022 were observed at a slightly higher but still stable concentration range between 0.019-mg/L and 0.24-mg/L (excluding the April 2022 concentration of 0.011-mg/L). The recent July 2023 concentration was 0.017-mg/L. Figure B.3.b.1a provides a historical summary of Perc groundwater concentrations and the estimated extent of Perc groundwater contamination.

The monthly samples collected from the Ace Hardware sump, which continues to function for groundwater recovery, also indicates stable Perc concentrations. (The influent water in the sump is collected prior to treatment and final discharge to the stormwater sewer system). Table A.5 summarizes the monthly sump sample results, and Figure B.3.b.1a provides a summary of monthly Perc concentrations between July 2021 and July 2023.

Since the groundwater sampling was initiated, the TCE concentration in MW-5 was observed at a level above the PAL (0.0005-mg/L) on three (3) occasions: January 2019 (0.0027-mg/L), April 2019 (0.00071-mg/L), and January 2022 (0.00067). All other TCE concentrations were below the PAL. Figure B.3.b.1b provides a historical summary of TCE groundwater concentrations.

Polynuclear Aromatic Hydrocarbons

Table A.1.B summarizes the results of Benzo(a)pyrene, Benzo(b)fluoranthene, Chrysene, and Naphthalene in MW-3 and MW-4, which are the PAH analytes of concern in the groundwater on the southern portion of the Site (previous quarterly reports include a full summary of PAH analyses). MW-3 is installed in the southern portion of the property where contamination from historical petroleum and/or coal storage was identified. MW-4 is installed to the rear of the 2414B tenant space in the approximate location of a former heating oil UST. Figures B.3.b.2a to B.3.b.2d provide a historical summary of groundwater results for Benzo(a)pyrene, Benzo(b)fluoranthene, Chrysene, and Naphthalene, respectively.

A review of historical sampling results from MW-3 indicates the presence of PAH contamination in groundwater during each sampling event. Consistent with past sampling events,

Benzo(a)pyrene, Benzo(b)fluoranthene, and Chrysene were observed in MW-3 at groundwater concentrations above the Enforcement Standard (other PAH constituents were also observed but at concentrations below PALs). Following a period of general stability in concentration between July 2019 and May 2021 (excluding a concentration spike in October 2019), groundwater concentrations decreased in August 2021, then were followed by an increase in concentrations each quarter through April 2022. The July 2023 concentrations indicate a slight decrease in concentrations during the relatively stable periods of April 2022-April 2023 and July 2019 to May 2021.

As previously discussed, results of the PAH the February 2022 sampling of MW-601 and MW-602 (east and west MW-3) indicated Benzo(a)pyrene, Benzo(b)fluoranthene, and Chrysene at concentrations above the PAL, but below the Enforcement Standards. Concentrations in MW-601 to the east were higher than those in MW-602, consistent with the location of the known PAH soil contamination. Considering the known PAH soil impacts throughout the southern portion of the Site, low-level PAH concentrations in the groundwater at these locations was expected, but the results do indicate that the higher PAH groundwater impacts are limited to the area of contaminated fill material surrounding MW-3.

The sampling results at MW-4 indicate a slight increase between April 2023 and July 2023 for Benzo(a)pyrene, Benzo(b)fluoranthene, and Chrysene, although the July 2023 Naphthalene concentration remained stable. The concentrations of Benzo(a)pyrene, Benzo(b)fluoranthene, and Chrysene exceed the Enforcement Standards. The Naphthalene concentration remains below the PAL.

4.0 SUMP WATER SAMPLING RESULTS

To address the Perc contamination identified in the sump water from the basement of the Ace Hardware building, an activated carbon treatment system was proposed to the WDNR. The proposed treatment system discharge was issued coverage under WPDES Permit Number WI-0046566-07-0 in a letter dated April 10, 2019, and the system began operation on May 14, 2019. Two (2) additional sumps and treatment systems were installed in the Ace Hardware building in June 2023 and as of July 21, 2023, have been issued coverage under WPDES Permit Number WI-0046566-07-0.

System discharge and sump water have been collected monthly on the originally installed system since June 25, 2019. Samples are collected for VOC analysis to both monitor the groundwater contaminant concentrations around the Ace Hardware building and verify the system is operating correctly. Monthly sampling of the sump water influent and system effluent discharge will continue. Similarly, once startup begins weekly samples of the two (2) additionally installed systems will be collected for a period of 4-weeks, followed by monthly sampling thereafter, as a condition of the recently revised permit. Discharge sample results are submitted electronically to WDNR, as required by the WPDES permit.

While not strictly part of the quarterly sampling protocol, results of the sump water sampling are included with this submission as an indication of the groundwater contaminant concentrations below and around the Ace Hardware building. The results of the sump water samples are summarized in Table A.5. (Because all VOCs are reported below the LOD with the exception of Perc, Table A.5 only summarizes the Perc results.) The sump water sample results since July 2021 to the present are provided in Figure B.3.b.1a. (Previous reports included earlier sump data.)

As noted in Table A.5, the Perc concentrations in the influent sump water are often above the Enforcement Standard, and always above the PAL. However, all corresponding discharge samples indicate that the treatment system has been fully effective in removing Perc from the water prior to discharge into the stormwater sewer system. Only one (1) discharge sample has ever been reported with a detectable concentration of Perc, and that concentration was below the permit limit.

Replacement of the activated carbon in the original system was completed following the detectable concentration observed in May 2023.

5.0 SUMMARY AND SCHEDULE

- The Perc concentrations observed in monitoring well MW-5 have exceeded the Enforcement Standard since February 2016. Though the Perc concentrations have remained above the Enforcement Standard, the chemical injection activities performed in July 2018 and August 2019 in the vicinity of MW-5 have helped reduce the mass of Perc contamination. The Perc groundwater concentrations in MW-5 have remained relatively stable since that time. Quarterly monitoring of Perc concentrations in MW-5 will be continued until closure of the Site is approved.
- Sampling of the Ace Hardware sump water indicates influent Perc concentrations above the Enforcement Standard, although all effluent discharge samples from the treatment system are below detectable concentrations. Sump water influent and effluent sampling will continue on a monthly basis, as required. Weekly, followed by monthly sampling will be performed on the additionally installed systems upon startup.
- PAH contamination continues to be observed in MW-3 and MW-4, particularly the constituents Benzo(a)pyrene, Benzo(b)fluoranthene, Chrysene, and Naphthalene. All other PAH constituents are typically observed at concentrations below the PALs. The site-wide presence of coal and cinder fill material remaining from the historical use of the property are believed to contribute to the observed groundwater impact, since a large portion of the Site exhibits low-level PAH soil contamination. Quarterly monitoring of PAH concentrations in MW-3 and MW-4 will be continued until closure of the Site is approved.
    - The February 2022 sampling of monitoring wells MW-601 and MW-602 (east and west of MW-3) verify low-level PAH concentrations in the groundwater within the southern portion of the Site, but that the elevated PAH in concentrations are isolated to monitoring well MW-3. The July 2023 sampling results indicate a decrease in concentrations from the April 2023 results.
    - The concentrations in MW-4 increased slightly from April 2023 to July 203 for Benzo(a)pyrene, Benzo(b)fluoranthene, Chrysene, while the Naphthalene concentration remained stable. No free-product petroleum was noted in MW-4.

APPENDIX A
TABLES

Table A.1.A. Groundwater Analytical Table for Volatile Organic Compounds (mg/L) (Quarterly Groundwater Sampling Wells)

Sample Location	Sample Date	Tetrachloroethene	Trichloroethene
MW-5	07/10/23	**0.022**	0.0005 (J)
	04/21/23	**0.01**	<0.00032
	01/06/23	**0.013**	<0.00032
	10/04/22	**0.019**	<0.00032
	08/05/22	**0.021**	0.00069 (J)
	04/11/22	**0.011**	<0.00032
	01/24/22	**0.021**	**0.00067**
	11/11/21	**0.024**	0.00034 (J)
	08/31/21	**0.021**	<0.00032
	05/09/21	**0.012**	<0.00032
	01/18/21	**0.01**	<0.00026
	10/12/20	**0.014**	0.00047
	07/14/20	**0.01**	<0.00026
	05/05/20	**0.0088**	<0.00026
	01/17/20	**0.0084**	0.00038 (J)
	10/24/19	**0.012**	0.00039 (J)
	09/05/19	**0.0153**	0.00038 (J)
	07/07/19	**0.0106**	0.00048 (J)
	04/29/19	**0.0114**	**0.00071 (J)**
	01/25/19	**0.0065**	**0.0027**
	10/11/18	**0.021**	0.00027 (J)
	07/30/18	**0.0086**	<0.00026
	04/07/18	**0.0203**	<0.00033
	01/05/18	**0.0181**	<0.00033
	05/30/17	**0.0124**	<0.00033
	02/23/16	**0.0083**	<0.00033
	01/27/15	**0.0026**	<0.00033
	11/12/14 (TW-2)	**0.0026**	<0.00033
PAL[1]		**0.0005**	**0.0005**
Enforcement Standard[2]		**0.005**	**0.005**

[1] – Preventive Action Limits (PALs) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1
[2] – Enforcement Standards (ES) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1
Bold – Concentration exceeds the PAL
Underlined – Concentration exceeds the PAL and the ES
(J) – Concentration reported by the laboratory above the Limit of Detection, but below the Limit of Quantification
VOCs via USEPA Method SW8260

Table A.1.B. Groundwater Analytical Table for Polynuclear Aromatics (mg/L)
(Quarterly Groundwater Sampling Wells)

Sample Location	Sample Date	Benzo(a)pyrene	Benzo(b)fluoranthene	Chrysene	Naphthalene
MW-3	07/10/23	**0.0034**	**0.0083**	**0.0054**	0.000033 (J)
	04/21/23	**0.02**	**0.039**	**0.025**	<0.00018
	01/06/23	**0.011**	**0.022**	**0.014**	0.000047 (J)
	10/04/22	**0.011**	**0.02**	**0.013**	<0.000092
	08/05/22	**0.024**	**0.04**	**0.03**	<0.00036
	04/11/22	**0.026**	**0.061**	**0.056**	<0.00036
	01/24/22	**0.0095**	**0.017**	**0.013**	<0.00009
	11/11/21	**0.0008**	**0.0022**	**0.0015**	<0.000019
	08/31/21	**0.00021**	**0.0005**	**0.00036**	0.00005
	05/03/21	**0.0024**	**0.0054**	**0.005**	0.0001 (J)
	01/18/21	**0.0024**	**0.005**	**0.0028**	0.00013
	10/12/20	**0.0013**	**0.0027**	**0.0015**	0.0001
	07/14/20	**0.0012**	**0.0022**	**0.0014**	0.00003
	05/05/20	**0.0011**	**0.0023**	**0.0012**	<0.000018
	01/17/20	**0.0063**	**0.0104**	**0.0013**	0.0001
	10/24/19	**0.015**	**0.03**	**0.016**	0.00015
	07/07/19	**0.0019**	**0.0036**	**0.0026**	0.000019 (J)
	04/29/19	**0.115**	**0.209**	**0.13**	0.00035
	01/25/19	**0.00017**	**0.00034**	**0.00028**	0.000022 (J)
	10/11/18	**0.000024 (J)**	**0.000074**	**0.000079**	0.000032 (J)
	07/30/18	**0.00068**	**0.0013**	**0.00095**	0.000053 (J)
	04/07/18	**0.0019**	**0.0039**	**0.003**	0.000051
	01/05/18	<0.0000096	**0.000037**	**0.000047 (J)**	0.00046
	05/30/17	**0.001**	**0.002**	**0.0015**	0.00012
	01/27/15	0.000011 (J)	0.00002 (J)	**0.00005**	<0.0000056
	11/13/14 (TW-5)	**0.0006**	**0.00077**	**0.00084**	0.00016
PAL[1]		**0.00002**	**0.00002**	**0.00002**	**0.017**
Enforcement Standard[2]		**0.0002**	**0.0002**	**0.0002**	**0.1**

[1] – Preventive Action Limits (PALs) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1
[2] – Enforcement Standards (ES) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1
Bold – Concentration exceeds the PAL
Underlined – Concentration exceeds the PAL and the ES
(J) – Concentration reported by the laboratory above the Limit of Detection, but below the Limit of Quantification
NL – Not Listed in Wisconsin Administrative Code
PAHs via USEPA Method SW8270E by SIM
Note: Fluoranthene and Pyrene indicated an exceedance of the PALs during the April 29, 2019, and April 11, 2022, sampling events

Table A.1.B (Continued). Groundwater Analytical Table for Polynuclear Aromatics (mg/L) (Quarterly Groundwater Sampling Wells)

Sample Location	Sample Date	Benzo(a)pyrene	Benzo(b)fluoranthene	Chrysene	Naphthalene
MW-4	07/10/23	**0.0012 (J)**	**0.0022**	**0.0067**	0.013
	04/21/23	**0.00063**	**0.0015**	**0.0034**	0.014
	01/06/23	**<0.0056**	**<0.004**	**0.0079 (J)**	**0.035**
	10/04/22	**<0.00057**	**0.00073 (J)**	**0.0021 (J)**	0.016
	08/05/22	**<0.00091**	**0.00014**	**0.00014**	0.0015
	04/11/22	**<0.00039**	**<0.00039**	**<0.00053**	0.0022
	01/24/22	**<0.018**	**<0.018**	**<0.025**	**0.037**
	11/11/21	**0.0024 (J)**	**0.0035 (J)**	**0.016**	**0.089**
	08/31/21	**<0.0017**	**<0.0017**	**<0.0024**	0.01
	05/03/21	**0.0003 (J)**	**0.00061**	**0.0022**	0.0091
	01/18/21	**0.00013 (J)**	**0.00029**	**0.00082**	0.0055
	10/12/20	**0.00029 (J)**	**0.00065**	**0.0015**	0.007
	07/14/20	**0.00046 (J)**	**0.00098**	**0.0038**	**0.025**
	05/05/20	**0.0012 (J)**	**0.0032**	**0.005**	**0.035**
	01/17/20	**0.0031**	**0.0056**	**0.0074**	0.0074
	10/24/19	**0.00045**	**0.00086**	**0.0016**	0.0026
	07/07/19	<0.000037	<0.00002	<0.000046	0.0034
	04/29/19	**0.000041 (J)**	**0.000093**	**0.00017**	0.0014
	01/25/19	<0.0000095	0.000012 (J)	**0.000033 (J)**	0.00078
	10/11/18	**<0.000029**	**0.000022**	**0.000084 (J)**	0.00081
	07/30/18	**<0.000048**	**<0.000026**	**<0.00006**	0.0015
	04/07/18	<0.0000095	0.0000096 (J)	**0.000031 (J)**	0.0022
	01/05/18	**<0.0002**	**0.00022 (J)**	**0.001 (J)**	**0.0151**
	05/30/17	**<0.00049**	**<0.00027**	**0.0018 (J)**	**0.0243**
	02/23/16	0.000006	0.000014 (J)	0.000017 (J)	0.00047
	01/27/15	0.000017 (J)	**0.000043 (J)**	**0.000042 (J)**	0.00027
	11/13/14 (TW-6)	0.0000053 (J)	0.0000093 (J)	**0.000021 (J)**	0.0022
PAL[1]		**0.00002**	**0.00002**	**0.00002**	**0.017**
Enforcement Standard[2]		**0.0002**	**0.0002**	**0.0002**	**0.1**

[1] – Preventive Action Limits (PALs) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1
[2] – Enforcement Standards (ES) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1
Bold – Concentration exceeds the PAL
Underlined – Concentration exceeds the PAL and the ES
(J) – Concentration reported by the laboratory above the Limit of Detection, but below the Limit of Quantification
* – Limit of detection reported greater than most stringent applicable standard; "non-detect" concentration not taken as exceedance per NR140.14(3)(a)
NL – Not Listed in Wisconsin Administrative Code
PAHs via USEPA Method SW8270E by SIM
Note: Fluorene indicated an exceedance of the PAL during the May 5, 2020; Fluorene and Pyrene indicated exceedances during the November 11, 2021, sampling event

Table A.1.B (Continued). Groundwater Analytical Table for Polynuclear Aromatics (mg/L) (Quarterly Groundwater Sampling Wells)

Polynuclear Aromatic	Sample Location (Sample Date)		PAL[1]	ES[2]
	MW-601 (02/03/22)	MW-602 (02/04/22)		
Acenaphthene	0.000056	<0.000012	NL	NL
Acenaphthylene	0.000015	<0.000011	NL	NL
Anthracene	0.00012	<0.000017	0.6	3
Benzo(a)anthracene	0.00019	0.000025 (J)	NL	NL
Benzo(a)pyrene	**0.00015**	**0.000035 (J)**	0.00002	0.0002
Benzo(b)fluoranthene	**0.00016**	**0.000057**	0.00002	0.0002
Benzo(g,h,i)perylene	0.00018	0.000055	NL	NL
Benzo(k)fluoranthene	0.000064	0.00002	NL	NL
Chrysene	**0.00035**	**0.000073**	0.00002	0.0002
Dibenzo(a,h)anthracene	0.000048	0.000016	NL	NL
Fluoranthene	0.00032	0.00011	0.08	0.4
Fluorene	0.000068	0.000021	0.08	0.4
Indeno(1,2,3-cd)pyrene	0.000081	0.000028 (J)	NL	NL
1-Methylnaphthalene	0.00013	0.000024 (J)	NL	NL
2-Methylnaphthalene	0.000093	0.000017 (J)	NL	NL
Naphthalene	0.000033	0.000018	0.017	0.1
Phenanthrene	0.0002	0.000087	NL	NL
Pyrene	0.00096	0.00011	0.05	0.25

[1] – Preventive Action Limits (PALs) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1
[2] – Enforcement Standards (ES) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1
Bold – Concentration exceeds the PAL
Underlined – Concentration exceeds the PAL and the ES
(J) – Concentration reported by the laboratory above the Limit of Detection, but below the Limit of Quantification
* – Limit of detection reported greater than most stringent applicable standard; "non-detect" concentration not taken as exceedance per NR140.14(3)(a)
NL – Not Listed in Wisconsin Administrative Code
PAHs via USEPA Method SW8270E by SIM

Table A.5. Ace Hardware Sump Water Analytical Table for Tetrachlorethene (mg/L)

Sample Location	Sample Date	Tetrachloroethene
Sump	07/10/23	**0.017**
	06/12/23	**0.012**
	05/09/23	**0.0075**
	04/07/23	**0.0066**
	03/07/23	**0.0069**
	02/06/23	**0.0072**
	01/13/23	**0.0081**
	12/05/22	**0.0076**
	11/21/22	**0.0077**
	10/03/22	**0.011**
	09/13/22	**0.0091**
	08/01/22	**0.01**
	07/14/22	**0.01**
	06/02/22	**0.012**
	05/06/22	**0.006**
	04/01/22	**0.0041**
	03/03/22	**0.01**
	02/01/22	**0.01**
	01/18/22	**0.013**
	12/06/21	**0.013**
	11/05/21	**0.014**
	10/04/21	**0.016**
	09/10/21	**0.015**
	08/06/21	**0.016**
	07/02/21	**0.014**
	06/14/21	**0.013**
	05/03/21	**0.016**
	04/06/21	**0.012**
	03/08/21	**0.01**
	02/02/21	**0.014**
	01/12/21	**0.005**
	12/09/20	**0.0048**
	11/12/20	**0.0068**
	10/12/20	**0.009**
	09/03/20	**0.0065**
	08/17/20	**0.01**
	07/14/20	**0.0078**
	06/03/20	**0.0068**
	05/05/20	**0.0054**
	04/06/20	**0.005**
	03/10/20	**0.0063**
	02/03/20	**0.006**
	01/07/20	**0.0065**
PAL[1]		**0.0005**
Enforcement Standard[2]		**0.005**

[1] – Preventive Action Limits (PALs) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1
[2] – Enforcement Standards (ES) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1
Bold – Concentration exceeds the PAL
Underlined – Concentration exceeds the PAL and the ES
NOTE – All other VOCs reported below the Limit of Detection
VOCs via USEPA Method SW8260

Table A.5 (Continued). Ace Hardware Sump Water Analytical Table for Tetrachlorethene (mg/L)

Sample Location	Sample Date	Tetrachloroethene
Sump	12/03/19	**0.0068**
	11/04/19	**0.008**
	10/02/19	**0.0069**
	09/05/19	**0.0076**
	08/02/19	**0.005**
	07/19/19	**0.0062**
	06/25/19 (first monthly)	**0.0054**
	06/06/19 (week 4)	**0.0069**
	05/29/19 (week 3)	**0.0043**
	05/23/19 (week 2)	**0.0042**
	05/15/19 (week 1)	**0.0093**
	02/04/19	**0.0064**
	01/05/18	**0.0082**
	06/04/17	**0.006**
PAL[1]		**0.0005**
Enforcement Standard[2]		**0.005**

[1] – Preventive Action Limits (PALs) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1
[2] – Enforcement Standards (ES) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1
Bold – Concentration exceeds the PAL
Underlined – Concentration exceeds the PAL and the ES
NOTE – All other VOCs reported below the Limit of Detection
VOCs via USEPA Method SW8260

Table A.6. Water Level Elevations

Monitoring Well	Top of Casing Elevation*	Date	Measured Depth to Groundwater (ft)	Relative Groundwater Elevation (ft)
MW-1	98.08 (2022 survey)	05/09/23	1.73	96.35
		01/06/23	2.28	95.80
		10/03/22	3.05	95.03
		08/02/22	2.69	95.39
		04/11/22	1.18	96.90
		02/03/22	5.52	92.56
		01/24/22	4.22	93.83
	99.13 (2015 survey)	11/11/21	3.97	95.16
		08/31/21	3.75	95.38
		05/03/21	2.97	96.16
		01/18/21	3.34	95.79
		10/12/20	Obstructed	--
		07/14/20	1.79	97.34
		05/05/20	1.80	97.33
		01/17/20	2.74	96.39
		10/24/19	3.07	96.06
		07/07/19	3.46	95.67
		04/29/19	2.35	96.78
		01/25/19	4.65	94.48
		10/11/18	1.66	97.47
		07/30/18	3.32	95.81
		04/08/18	2.24	96.89
		02/27/18	1.58	97.55
		05/30/17	2.17	96.96
		04/24/15	1.46	97.67
		03/30/15	1.98	97.15
		01/27/15	3.93	95.20
MW-2	99.32 (2022 survey)	05/09/23	7.15	92.17
		01/06/23	7.68	91.64
		10/03/22	7.46	91.86
		08/02/22	6.95	92.37
		04/11/22	6.57	92.75
		02/03/22	9.32	90.00
		01/24/22	8.20	91.12

Table A.6. Water Level Elevations

Monitoring Well	Top of Casing Elevation*	Date	Measured Depth to Groundwater (ft)	Relative Groundwater Elevation (ft)
MW-2	100.75 (2015 survey)	11/11/21	7.99	92.76
		08/31/21	7.70	93.05
		05/03/21	7.55	93.20
		01/18/21	8.12	92.63
		10/12/20	7.82	92.93
		07/14/20	6.36	94.39
		05/05/20	6.24	94.51
		01/17/20	6.83	93.92
		10/24/19	Obstructed	--
		07/07/19	7.51	93.24
		04/29/19	8.47	92.28
		01/25/19	8.42	92.33
		10/11/18	6.45	94.30
		07/30/18	7.45	93.30
		04/08/18	8.36	92.39
		02/27/18	8.54	92.21
		05/30/17	7.95	92.80
		04/24/15	7.21	93.54
		03/30/15	8.01	92.74
		01/27/15	8.60	92.15
MW-3	98.97 (2022 survey)	05/09/23	2.60	96.37
		01/06/23	3.30	95.67
		10/03/22	5.71	93.26
		08/02/22	<1	≈98.97
		04/11/22	1.85	91.12
		02/03/22	5.20	93.77
		01/24/22	4.90	94.07
	100.05 (2015 survey)	11/11/21	4.12	95.93
		08/31/21	4.37	95.68
		05/03/21	3.45	96.60
		01/18/21	4.50	95.55
		10/12/20	4.25	95.80
		07/14/20	3.37	96.68
		05/05/20	2.27	97.78
		01/17/20	3.20	96.85
		10/24/19	3.61	96.44
		07/07/19	3.73	96.32
		04/29/19	2.61	97.44
		01/25/19	4.44	95.61
		10/11/18	2.35	97.70
		07/30/18	3.62	96.43
		04/08/18	2.53	97.52
		02/27/18	2.43	97.62
		05/30/17	2.45	97.60
		04/24/15	2.27	97.78
		03/30/15	2.73	97.32
		01/27/15	4.46	95.59

Table A.6. Water Level Elevations

Monitoring Well	Top of Casing Elevation*	Date	Measured Depth to Groundwater (ft)	Relative Groundwater Elevation (ft)
MW-4	99.75 (2022 survey)	05/09/23	5.23	94.52
		01/06/23	4.50	95.25
		10/03/22	5.59	94.16
		08/02/22	5.75	94.00
		04/11/22	5.20	94.55
		02/03/22	8.86	90.89
		01/24/22	7.75	92.00
	100.57 (2015 survey)	11/11/21	6.78	93.79
		08/31/21	6.51	94.06
		05/03/21	6.19	94.38
		01/18/21	6.51	94.06
		10/12/20	6.65	93.92
		07/14/20	5.34	95.23
		05/05/20	5.07	95.50
		01/17/20	6.21	94.36
		10/24/19	6.14	94.43
		07/07/19	6.98	93.59
		04/29/19	7.30	93.27
		01/25/19	6.88	93.69
		10/11/18	5.43	95.14
		07/30/18	6.91	93.66
		04/08/18	7.26	93.31
		02/27/18	7.23	93.34
		05/30/17	6.38	94.19
		04/24/15	5.94	94.63
		03/30/15	7.04	93.53
		01/27/15	6.53	94.04
MW-5	99.36 (2022 survey)	05/09/23	5.80	93.56
		01/06/23	5.99	93.37
		10/03/22	6.21	93.15
		08/02/22	6.24	93.12
		04/11/22	5.96	93.40
		02/03/22	7.42	91.94
		01/24/22	7.13	92.23

Table A.6. Water Level Elevations

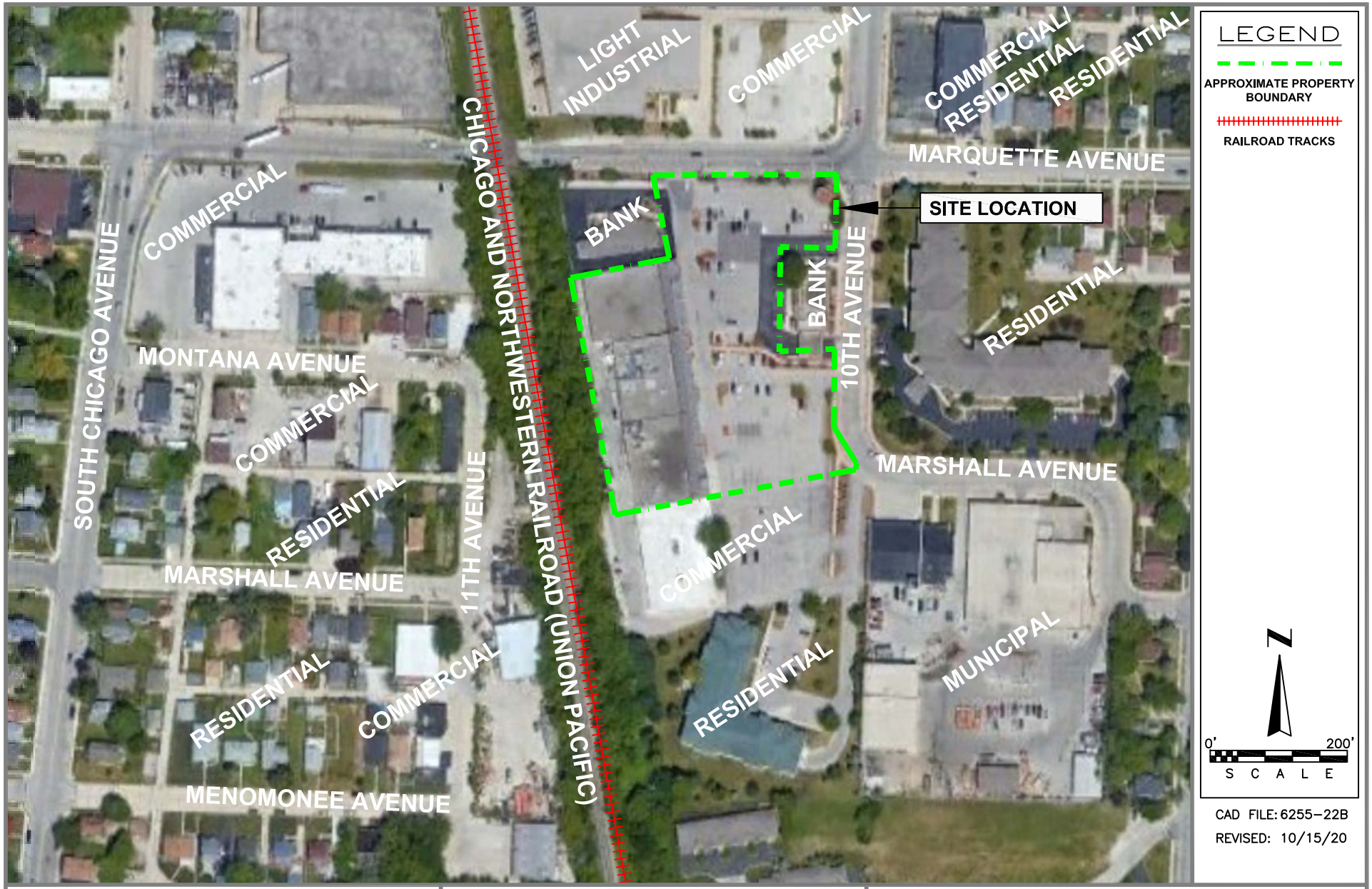
Monitoring Well	Top of Casing Elevation*	Date	Measured Depth to Groundwater (ft)	Relative Groundwater Elevation (ft)
MW-5	100.24 (2015 survey)	11/11/21	6.69	93.55
		08/31/21	6.48	93.76
		05/03/21	6.25	93.99
		01/18/21	5.90	94.34
		10/12/20	6.30	93.94
		07/14/20	5.84	94.39
		05/05/20	5.83	94.41
		01/17/20	5.87	94.37
		10/24/19	5.98	94.26
		07/07/19	6.25	93.99
		04/29/19	6.33	93.91
		01/25/19	6.35	93.89
		10/11/18	5.85	94.39
		07/30/18	6.19	94.05
		04/08/18	6.27	93.97
		02/27/18	6.15	94.09
		05/30/17	5.96	94.28
		04/24/15	5.92	94.32
		03/30/15	6.26	93.98
		01/27/15	6.50	93.74
MW-201	99.43 (2022 survey)	05/09/23	7.36	92.07
		01/06/23	8.00	91.43
		10/03/22	7.50	91.93
		08/02/22	7.45	91.98
		04/11/22	6.48	92.96
		02/03/22	8.67	90.76
		01/24/22	8.48	90.95
	100.10 (2015 survey)	11/11/21	8.12	91.98
		08/31/21	7.78	92.32
		05/03/21	7.56	92.54
		01/18/21	8.24	91.86
		10/12/20	7.95	92.15
		07/14/20	7.11	92.29
		05/05/20	6.44	93.66
		01/17/20	7.00	93.10
		10/24/19	6.57	93.53
		07/07/19	6.72	93.38
		04/29/19	6.82	93.28
		01/25/19	6.88	93.22
		10/11/18	6.22	93.88
		07/30/18	6.69	93.41
		04/08/18	6.79	93.34
		02/27/18	6.46	93.64
		05/30/17	6.26	93.84
		04/24/15	5.91	94.19
		03/30/15	6.28	93.82
		01/27/15	Not Installed	Not Installed

Table A.6. Water Level Elevations

Monitoring Well	Top of Casing Elevation*	Date	Measured Depth to Groundwater (ft)	Relative Groundwater Elevation (ft)
MW-600	97.72 (2022 survey)	05/09/23	Inaccessible	--
		01/06/23	8.02	89.70
		10/03/22	7.58	90.14
		08/02/22	8.76	88.96
		04/11/22	Inaccessible	--
		02/03/22	9.60	88.12
		01/24/22	8.80	88.92
MW-601	98.11 (2022 survey)	05/09/23	9.02	89.09
		01/06/23	8.80	89.31
		10/03/22	8.81	89.30
		08/02/22	9.09	89.02
		04/11/22	9.27	88.84
		02/03/22	10.41	87.70
		01/24/22	10.12	87.99
MW-602	99.18 (2022 survey)	05/09/23	8.32	90.86
		01/06/23	9.09	90.09
		10/03/22	9.12	90.06
		08/02/22	9.22	89.96
		04/11/22	8.36	90.82
		02/03/22	10.30	88.88
		01/24/22	10.21	88.97
MW-603	99.52 (2022 survey)	05/09/23	5.77	93.75
		01/06/23	5.98	93.54
		10/03/22	5.51	94.01
		08/02/22	5.52	94.00
		04/11/22	5.14	94.38
		02/03/22	6.54	92.98
		01/24/22	6.42	93.10

* – Relative Elevation compared to a generic 100-ft on-site datum. Static water level measurements collected prior to 2022 compared to survey data from on January 27 and March 30, 2015. Static water level measurements collected beginning in January 2022 compared to a complete resurvey performed on February 1, 2022.

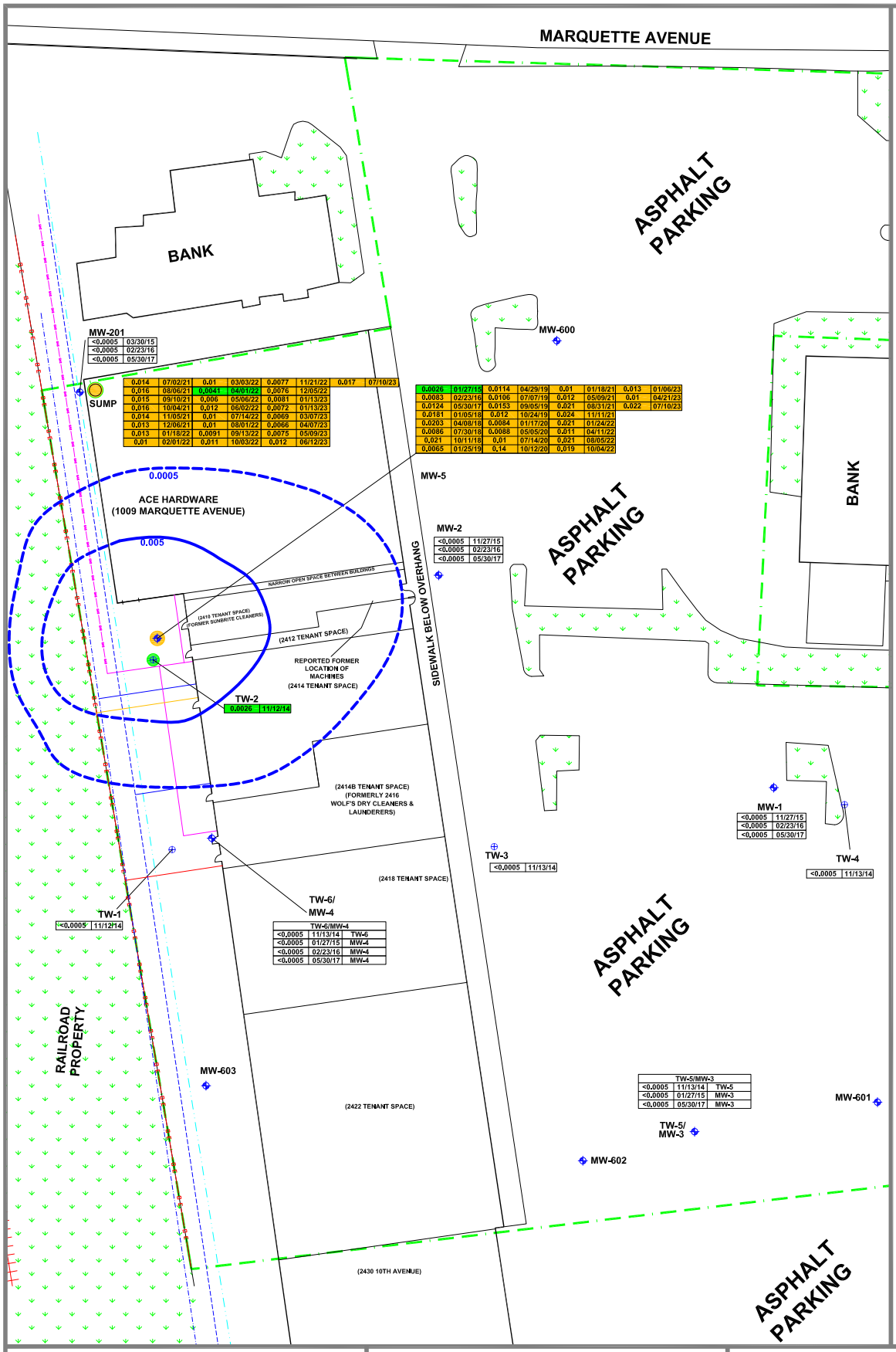
APPENDIX B
FIGURES



ENVIRONMENTAL DAI

SUNRISE SHOPPING CENTER
2410-2424 10TH AVENUE
1009 MARQUETTE AVENUE
SOUTH MILWAUKEE, WISCONSIN

FIGURE B.1.b.1
DETAILED SITE MAP WITH AERIAL VIEW
OF SITE AND SURROUNDING PROPERTY
(2019 AERIAL TAKEN FROM GOOGLE EARTH)



LEGEND

APPROXIMATE PROPERTY BOUNDARY

VEGETATION

(2410) UNIT ADDRESS

FIBER OPTICS UTILITY LINE

GAS UTILITY LINE

SANITARY UTILITY LINE

WATER UTILITY LINE (12")

WATER UTILITY LINE (4")

OVERHEAD ELECTRIC UTILITY LINE

MONITORING WELL LOCATION

SOIL BORING WITH TEMPORARY WELL LOCATION

OBSERVED PAL EXCEEDANCE FOR PERC

OBSERVED PAL AND ES EXCEEDANCE FOR PERC

PERC CONC. mg/L	SAMPLE DATE

SITE INVESTIGATION DEFINED PERC ISOCONCENTRATION LINE (mg/L)

SITE INVESTIGATION ESTIMATED PERC ISOCONCENTRATION LINE (mg/L)

N

0' 65'

S C A L E

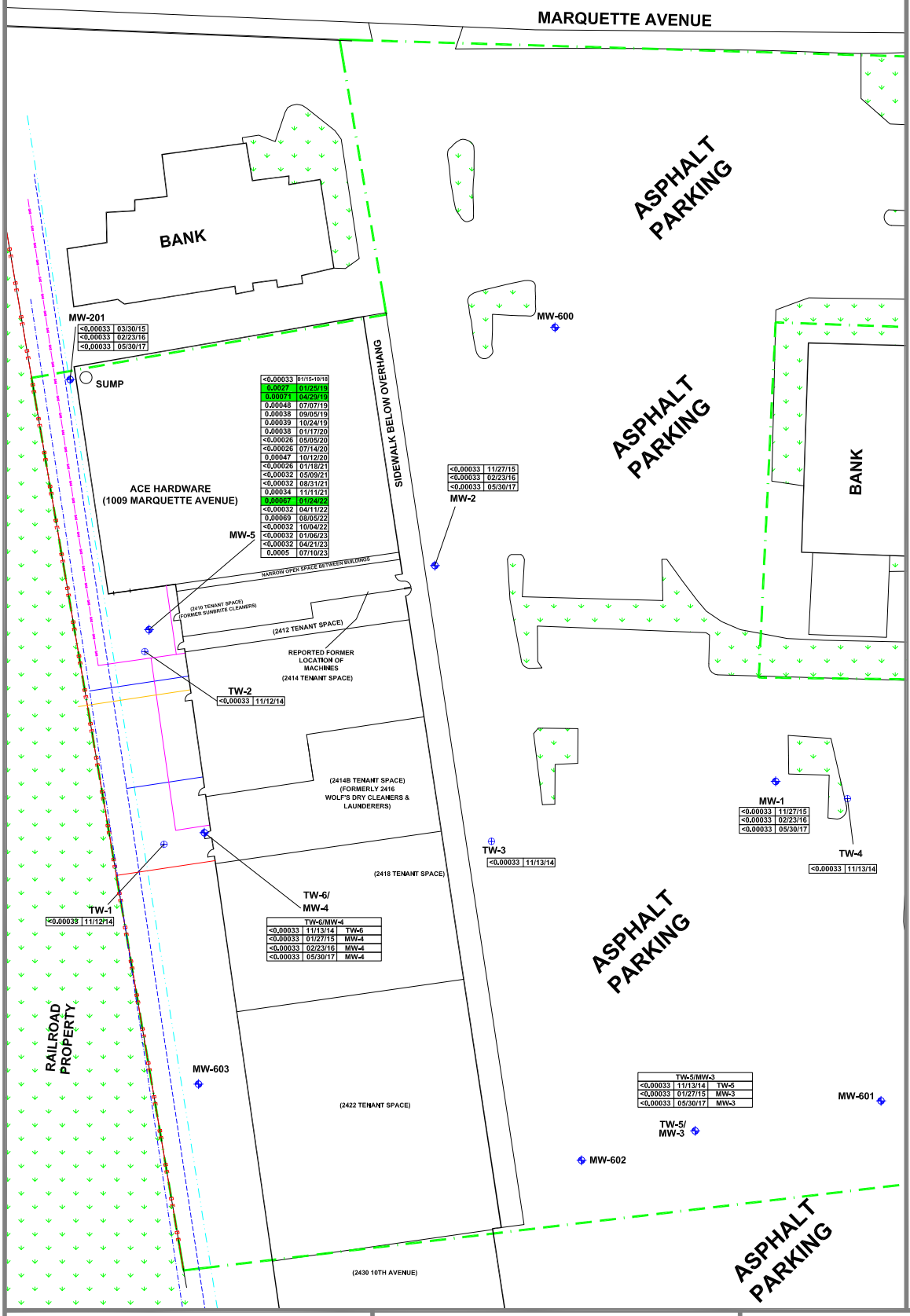
CAD FILE: 6255-212G

REVISED: 07/25/23

ENVIRONMENTAL

SUNRISE SHOPPING CENTER
2410-2424 10TH AVENUE
1009 MARQUETTE AVENUE
SOUTH MILWAUKEE, WISCONSIN

FIGURE B.3.b.1a
GROUNDWATER ISOCONCENTRATION (PERC)



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- VEGETATION
- (2410) UNIT ADDRESS
- FIBER OPTICS UTILITY LINE
- GAS UTILITY LINE
- SANITARY UTILITY LINE
- WATER UTILITY LINE (12")
- WATER UTILITY LINE (4")
- OVERHEAD ELECTRIC UTILITY LINE
- MONITORING WELL LOCATION
- SOIL BORING WITH TEMPORARY WELL LOCATION
- OBSERVED PAL EXCEEDANCE FOR TCE

TCE CONC. mg/L	SAMPLE DATE

N

0' 65'

S C A L E

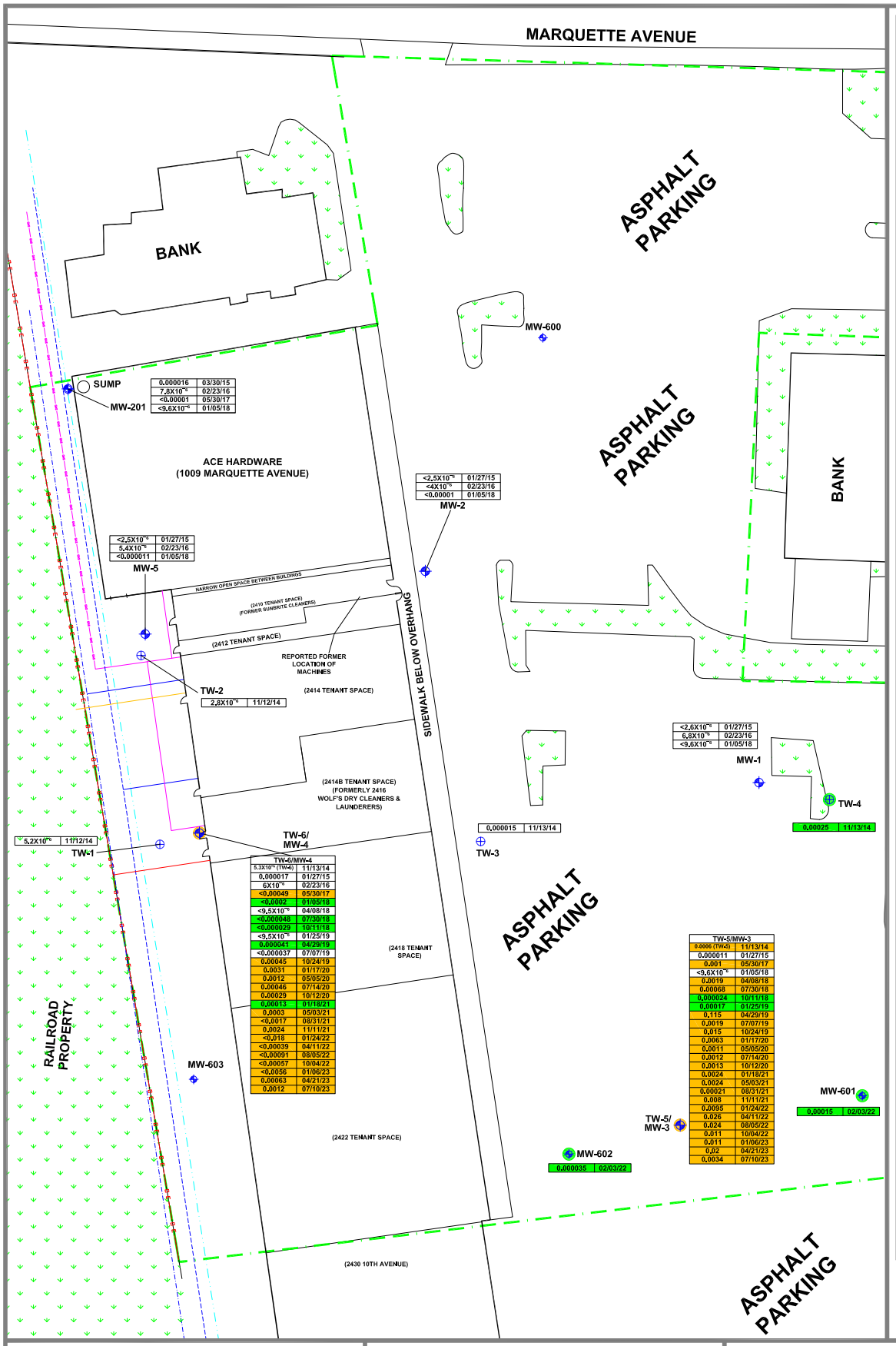
CAD FILE: 6255-214F

REVISED: 07/25/23

ENVIRONMENTAL DAI

SUNRISE SHOPPING CENTER
2410-2424 10TH AVENUE
1009 MARQUETTE AVENUE
SOUTH MILWAUKEE, WISCONSIN

FIGURE B.3.b.1b
GROUNDWATER ISOCONCENTRATION (TCE)



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- VEGETATION
- (2410) UNIT ADDRESS
- FIBER OPTICS UTILITY LINE
- GAS UTILITY LINE
- SANITARY UTILITY LINE
- WATER UTILITY LINE (12")
- WATER UTILITY LINE (4")
- OVERHEAD ELECTRIC UTILITY LINE
- MONITORING WELL LOCATION
- SOIL BORING WITH TEMPORARY WELL LOCATION
- OBSERVED EXCEEDANCE OF PAL
- OBSERVED EXCEEDANCE OF PAL AND ES

PAH CONC. mg/L	SAMPLE DATE

N

0' 65'

S C A L E

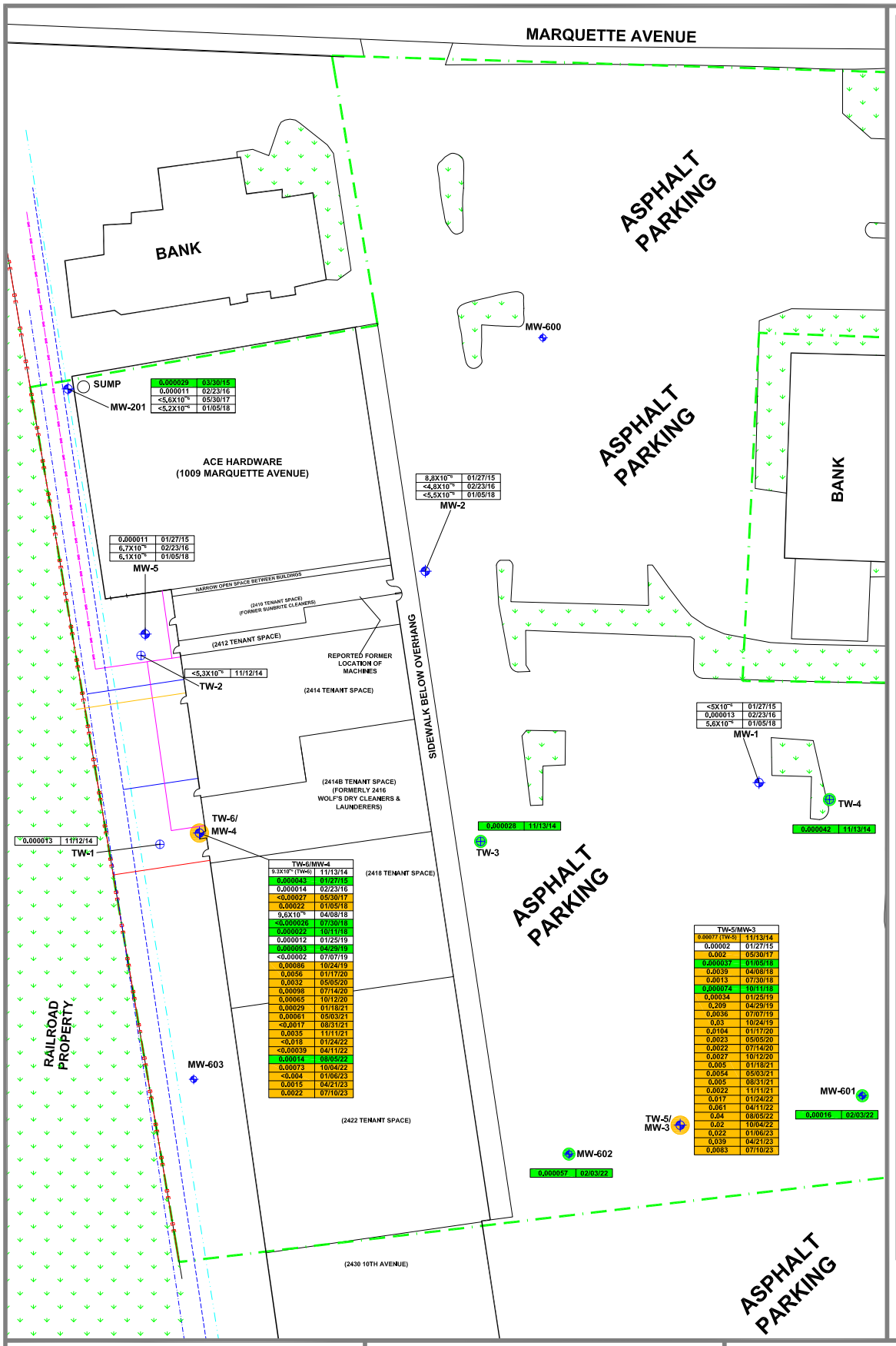
CAD FILE: 6255-215F

REVISED: 07/25/23

ENVIRONMENTAL

SUNRISE SHOPPING CENTER
2410-2424 10TH AVENUE
1009 MARQUETTE AVENUE
SOUTH MILWAUKEE, WISCONSIN

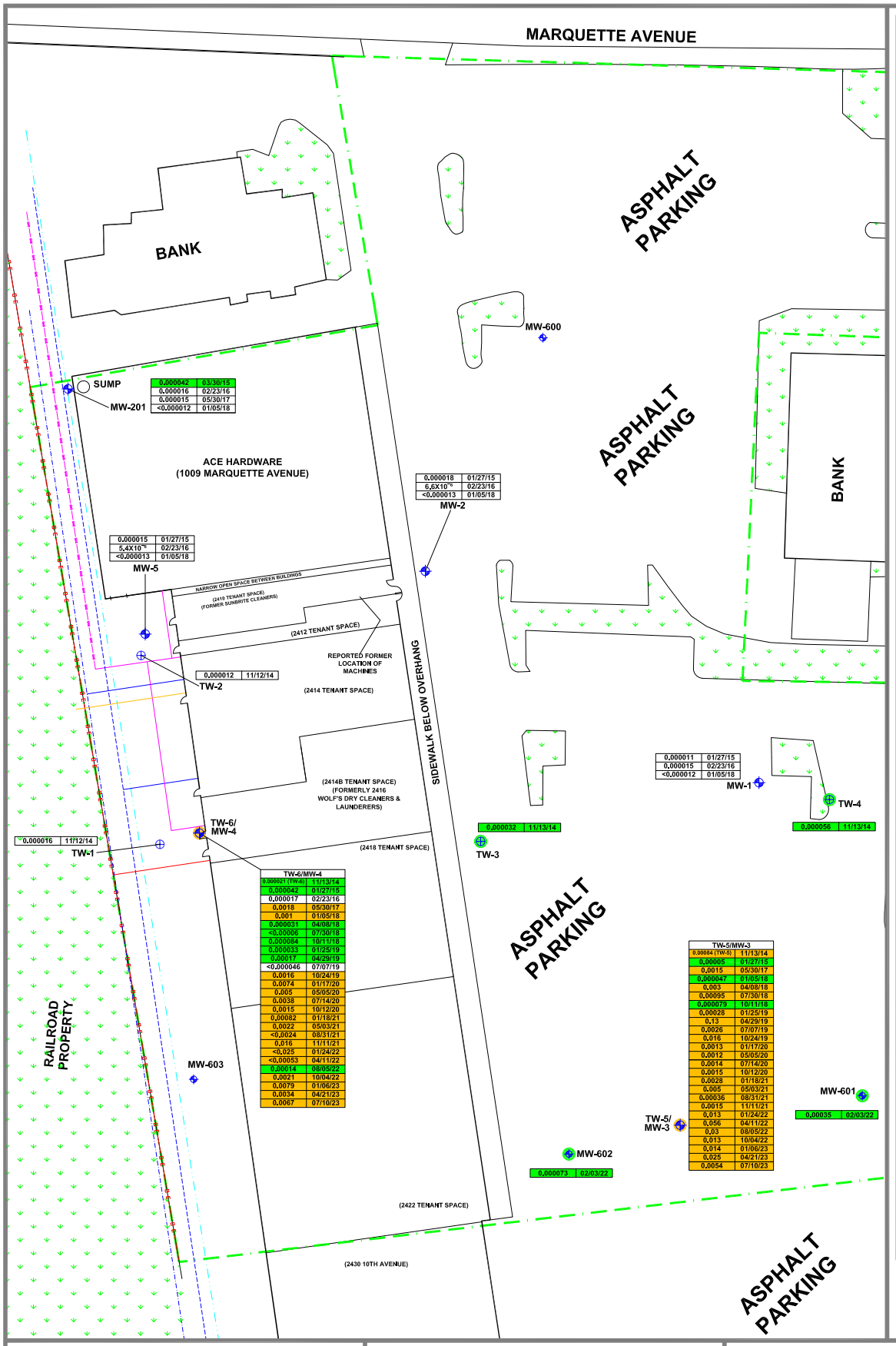
FIGURE B.3.b.2a
GROUNDWATER ISOCONCENTRATION (BENZO(A)PYRENE)



ENVIRONMENTAL

SUNRISE SHOPPING CENTER
2410-2424 10TH AVENUE
1009 MARQUETTE AVENUE
SOUTH MILWAUKEE, WISCONSIN

FIGURE B.3.b.2b
GROUNDWATER ISOCONCENTRATION (BENZO(B)FLUORANTHENE)



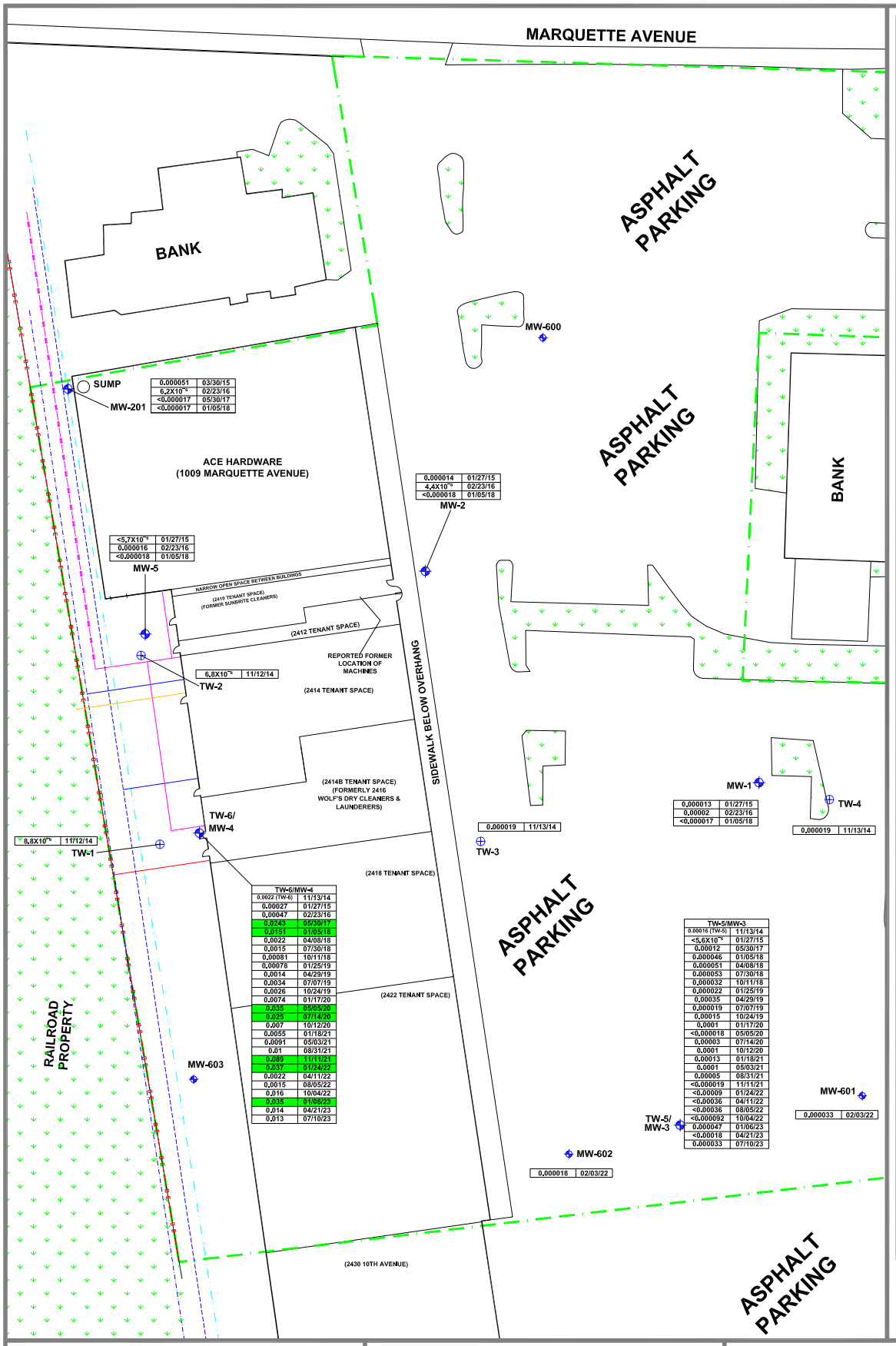
CAD FILE: 6255-217F

REVISED: 07/25/23

ENVIRONMENTAL

SUNRISE SHOPPING CENTER
2410-2424 10TH AVENUE
1009 MARQUETTE AVENUE
SOUTH MILWAUKEE, WISCONSIN

FIGURE B.3.b.2c
GROUNDWATER ISOCONCENTRATION (CHRYSENE)



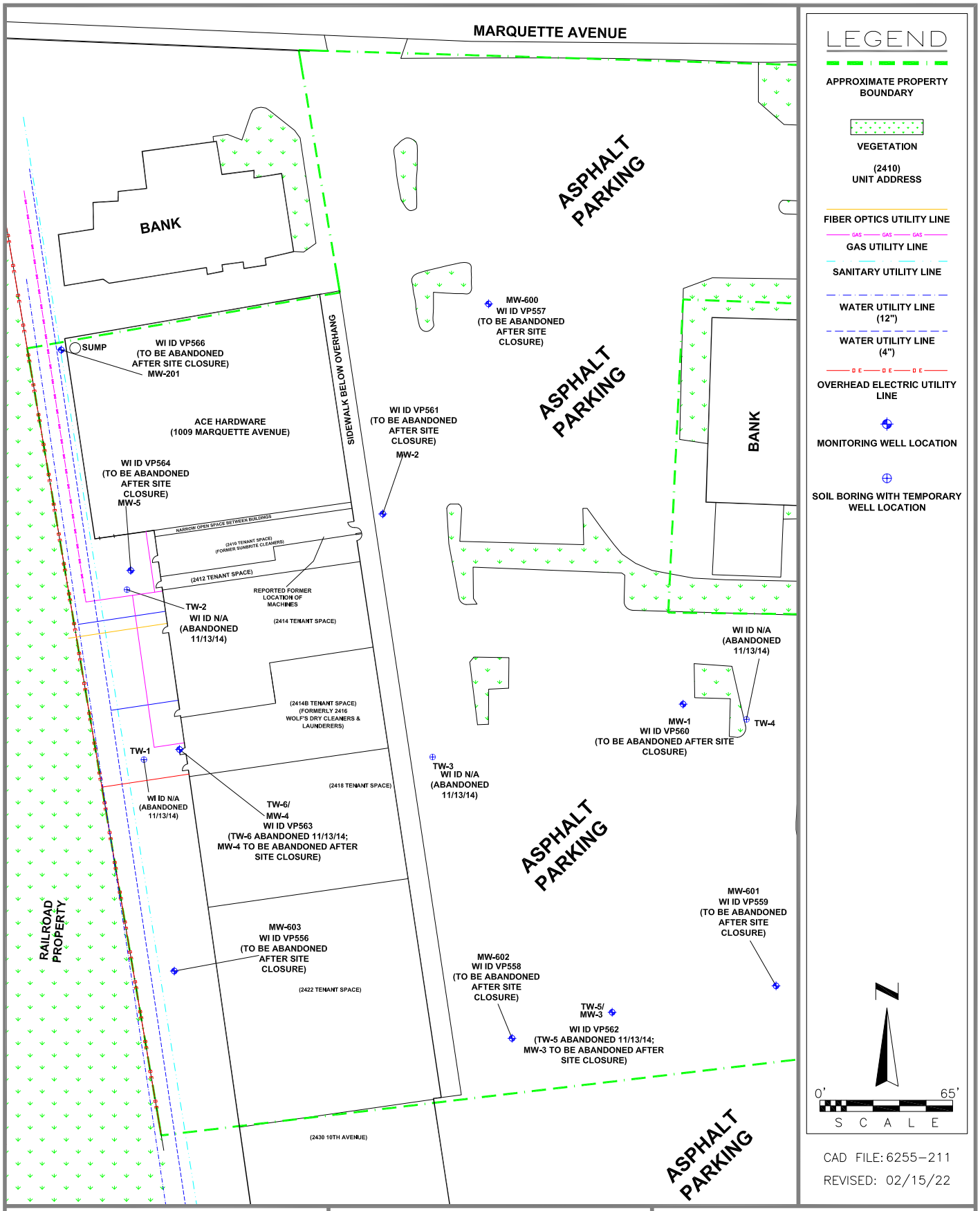
CAD FILE: 6255-218F

REVISED: 07/25/23

ENVIRONMENTAL

SUNRISE SHOPPING CENTER
2410-2424 10TH AVENUE
1009 MARQUETTE AVENUE
SOUTH MILWAUKEE, WISCONSIN

FIGURE B.3.b.2d
GROUNDWATER ISOCONCENTRATION (NAPHTHALENE)



CAD FILE: 6255-211

REVISED: 02/15/22

ENVIRONMENTAL

SUNRISE SHOPPING CENTER
2410-2424 10TH AVENUE
1009 MARQUETTE AVENUE
SOUTH MILWAUKEE, WISCONSIN

FIGURE B.3.d
MONITORING WELLS

APPENDIX C.1.E
LABORATORY ANALYTICAL REPORTS
(THIRD QUARTER 2023 + JULY 2023 SUMP)

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

July 19, 2023

Chris Cailles
DAI Environmental
Polo Park Business Center
27834 Irma Lee Circle
Lake Forest, IL 60045

RE: Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

Dear Chris Cailles:

Enclosed are the analytical results for sample(s) received by the laboratory on July 13, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: Jenny Rovzar, DAI

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

CERTIFICATIONS

Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

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: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40265009001	**MW-3**	Water	07/10/23 13:00	07/13/23 08:45
40265009002	**MW-4**	Water	07/10/23 14:00	07/13/23 08:45
40265009003	**MW-5**	Water	07/10/23 12:00	07/13/23 08:45

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

SAMPLE ANALYTE COUNT

Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40265009001	**MW-3**	EPA 8270E by SIM	TPO	20
40265009002	**MW-4**	EPA 8270E by SIM	TPO	20
40265009003	**MW-5**	EPA 8260	EIB	64

PASI-G = Pace Analytical Services - Green Bay

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

SUMMARY OF DETECTION

Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40265009001	**MW-3**					
EPA 8270E by SIM	Acenaphthene	0.000085	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Acenaphthylene	0.00022	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Anthracene	0.00050	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Benzo(a)anthracene	0.00099	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Benzo(a)pyrene	0.0034	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Benzo(b)fluoranthene	0.0083	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Benzo(g,h,i)perylene	0.0046	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Benzo(k)fluoranthene	0.0028	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Chrysene	0.0054	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Dibenz(a,h)anthracene	0.00065	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Fluoranthene	0.0096	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Fluorene	0.00016	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	0.0037	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	2-Methylnaphthalene	0.000015J	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Naphthalene	0.000033J	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Phenanthrene	0.0048	mg/L	0.000052	07/17/23 21:36	
EPA 8270E by SIM	Pyrene	0.0068	mg/L	0.000052	07/17/23 21:36	
40265009002	**MW-4**					
EPA 8270E by SIM	Acenaphthene	0.021	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	Acenaphthylene	0.0098	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	Anthracene	0.029	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	Benzo(a)anthracene	0.0030	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	Benzo(a)pyrene	0.0012J	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	Benzo(b)fluoranthene	0.0022	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	Benzo(g,h,i)perylene	0.0011J	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	Benzo(k)fluoranthene	0.00084J	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	Chrysene	0.0067	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	Fluoranthene	0.013	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	Fluorene	0.042	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	0.00078J	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	1-Methylnaphthalene	0.033	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	2-Methylnaphthalene	0.0036	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	Naphthalene	0.013	mg/L	0.0013	07/17/23 21:55	D3
EPA 8270E by SIM	Phenanthrene	0.033	mg/L	0.0013	07/17/23 21:55	
EPA 8270E by SIM	Pyrene	0.052	mg/L	0.0013	07/17/23 21:55	
40265009003	**MW-5**					
EPA 8260	Tetrachloroethene	0.022	mg/L	0.0010	07/19/23 02:00	
EPA 8260	1,1,1-Trichloroethane	0.00050J	mg/L	0.0010	07/19/23 02:00	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

Sample: MW-3 **Lab ID: 40265009001** Collected: 07/10/23 13:00 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.000085**	mg/L	0.000052	0.000014	1	07/17/23 09:56	07/17/23 21:36	83-32-9	
Acenaphthylene	**0.00022**	mg/L	0.000052	0.000013	1	07/17/23 09:56	07/17/23 21:36	208-96-8	
Anthracene	**0.00050**	mg/L	0.000052	0.000019	1	07/17/23 09:56	07/17/23 21:36	120-12-7	
Benzo(a)anthracene	**0.00099**	mg/L	0.000052	0.000014	1	07/17/23 09:56	07/17/23 21:36	56-55-3	
Benzo(a)pyrene	**0.0034**	mg/L	0.000052	0.000013	1	07/17/23 09:56	07/17/23 21:36	50-32-8	
Benzo(b)fluoranthene	**0.0083**	mg/L	0.000052	0.0000094	1	07/17/23 09:56	07/17/23 21:36	205-99-2	
Benzo(g,h,i)perylene	**0.0046**	mg/L	0.000052	0.000024	1	07/17/23 09:56	07/17/23 21:36	191-24-2	
Benzo(k)fluoranthene	**0.0028**	mg/L	0.000052	0.000023	1	07/17/23 09:56	07/17/23 21:36	207-08-9	
Chrysene	**0.0054**	mg/L	0.000052	0.000013	1	07/17/23 09:56	07/17/23 21:36	218-01-9	
Dibenz(a,h)anthracene	**0.00065**	mg/L	0.000052	0.000018	1	07/17/23 09:56	07/17/23 21:36	53-70-3	
Fluoranthene	**0.0096**	mg/L	0.000052	0.000027	1	07/17/23 09:56	07/17/23 21:36	206-44-0	
Fluorene	**0.00016**	mg/L	0.000052	0.000024	1	07/17/23 09:56	07/17/23 21:36	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0037**	mg/L	0.000052	0.000016	1	07/17/23 09:56	07/17/23 21:36	193-39-5	
1-Methylnaphthalene	**<0.000019**	mg/L	0.000052	0.000019	1	07/17/23 09:56	07/17/23 21:36	90-12-0	
2-Methylnaphthalene	**0.000015J**	mg/L	0.000052	0.000014	1	07/17/23 09:56	07/17/23 21:36	91-57-6	
Naphthalene	**0.000033J**	mg/L	0.000052	0.000021	1	07/17/23 09:56	07/17/23 21:36	91-20-3	
Phenanthrene	**0.0048**	mg/L	0.000052	0.000027	1	07/17/23 09:56	07/17/23 21:36	85-01-8	
Pyrene	**0.0068**	mg/L	0.000052	0.000023	1	07/17/23 09:56	07/17/23 21:36	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%	44-120		1	07/17/23 09:56	07/17/23 21:36	321-60-8	
Terphenyl-d14 (S)	86	%	49-120		1	07/17/23 09:56	07/17/23 21:36	1718-51-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

Sample: MW-4 **Lab ID: 40265009002** Collected: 07/10/23 14:00 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.021**	mg/L	0.0013	0.00037	30	07/17/23 09:56	07/17/23 21:55	83-32-9	
Acenaphthylene	**0.0098**	mg/L	0.0013	0.00034	30	07/17/23 09:56	07/17/23 21:55	208-96-8	
Anthracene	**0.029**	mg/L	0.0013	0.00049	30	07/17/23 09:56	07/17/23 21:55	120-12-7	
Benzo(a)anthracene	**0.0030**	mg/L	0.0013	0.00036	30	07/17/23 09:56	07/17/23 21:55	56-55-3	
Benzo(a)pyrene	**0.0012J**	mg/L	0.0013	0.00034	30	07/17/23 09:56	07/17/23 21:55	50-32-8	
Benzo(b)fluoranthene	**0.0022**	mg/L	0.0013	0.00024	30	07/17/23 09:56	07/17/23 21:55	205-99-2	
Benzo(g,h,i)perylene	**0.0011J**	mg/L	0.0013	0.00062	30	07/17/23 09:56	07/17/23 21:55	191-24-2	
Benzo(k)fluoranthene	**0.00084J**	mg/L	0.0013	0.00060	30	07/17/23 09:56	07/17/23 21:55	207-08-9	
Chrysene	**0.0067**	mg/L	0.0013	0.00034	30	07/17/23 09:56	07/17/23 21:55	218-01-9	
Dibenz(a,h)anthracene	**<0.00048**	mg/L	0.0013	0.00048	30	07/17/23 09:56	07/17/23 21:55	53-70-3	
Fluoranthene	**0.013**	mg/L	0.0013	0.00070	30	07/17/23 09:56	07/17/23 21:55	206-44-0	
Fluorene	**0.042**	mg/L	0.0013	0.00063	30	07/17/23 09:56	07/17/23 21:55	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.00078J**	mg/L	0.0013	0.00041	30	07/17/23 09:56	07/17/23 21:55	193-39-5	
1-Methylnaphthalene	**0.033**	mg/L	0.0013	0.00048	30	07/17/23 09:56	07/17/23 21:55	90-12-0	
2-Methylnaphthalene	**0.0036**	mg/L	0.0013	0.00037	30	07/17/23 09:56	07/17/23 21:55	91-57-6	
Naphthalene	**0.013**	mg/L	0.0013	0.00053	30	07/17/23 09:56	07/17/23 21:55	91-20-3	D3
Phenanthrene	**0.033**	mg/L	0.0013	0.00068	30	07/17/23 09:56	07/17/23 21:55	85-01-8	
Pyrene	**0.052**	mg/L	0.0013	0.00060	30	07/17/23 09:56	07/17/23 21:55	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	393	%	44-120		30	07/17/23 09:56	07/17/23 21:55	321-60-8	S4
Terphenyl-d14 (S)	577	%	49-120		30	07/17/23 09:56	07/17/23 21:55	1718-51-0	S4

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

Sample: MW-5 **Lab ID: 40265009003** Collected: 07/10/23 12:00 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.00030**	mg/L	0.0010	0.00030	1		07/19/23 02:00	71-43-2	
Bromobenzene	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 02:00	108-86-1	
Bromochloromethane	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 02:00	74-97-5	
Bromodichloromethane	**<0.00042**	mg/L	0.0010	0.00042	1		07/19/23 02:00	75-27-4	
Bromoform	**<0.00043**	mg/L	0.0010	0.00043	1		07/19/23 02:00	75-25-2	
Bromomethane	**<0.0012**	mg/L	0.0050	0.0012	1		07/19/23 02:00	74-83-9	
n-Butylbenzene	**<0.00086**	mg/L	0.0010	0.00086	1		07/19/23 02:00	104-51-8	
sec-Butylbenzene	**<0.00042**	mg/L	0.0010	0.00042	1		07/19/23 02:00	135-98-8	
tert-Butylbenzene	**<0.00059**	mg/L	0.0010	0.00059	1		07/19/23 02:00	98-06-6	
Carbon tetrachloride	**<0.00037**	mg/L	0.0010	0.00037	1		07/19/23 02:00	56-23-5	
Chlorobenzene	**<0.00086**	mg/L	0.0010	0.00086	1		07/19/23 02:00	108-90-7	
Chloroethane	**<0.0014**	mg/L	0.0050	0.0014	1		07/19/23 02:00	75-00-3	
Chloroform	**<0.00050**	mg/L	0.0050	0.00050	1		07/19/23 02:00	67-66-3	
Chloromethane	**<0.0016**	mg/L	0.0050	0.0016	1		07/19/23 02:00	74-87-3	
2-Chlorotoluene	**<0.00089**	mg/L	0.0050	0.00089	1		07/19/23 02:00	95-49-8	
4-Chlorotoluene	**<0.00089**	mg/L	0.0050	0.00089	1		07/19/23 02:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.0024**	mg/L	0.0050	0.0024	1		07/19/23 02:00	96-12-8	
Dibromochloromethane	**<0.0026**	mg/L	0.0050	0.0026	1		07/19/23 02:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.00031**	mg/L	0.0010	0.00031	1		07/19/23 02:00	106-93-4	
Dibromomethane	**<0.00099**	mg/L	0.0050	0.00099	1		07/19/23 02:00	74-95-3	
1,2-Dichlorobenzene	**<0.00033**	mg/L	0.0010	0.00033	1		07/19/23 02:00	95-50-1	
1,3-Dichlorobenzene	**<0.00035**	mg/L	0.0010	0.00035	1		07/19/23 02:00	541-73-1	
1,4-Dichlorobenzene	**<0.00089**	mg/L	0.0010	0.00089	1		07/19/23 02:00	106-46-7	
Dichlorodifluoromethane	**<0.00046**	mg/L	0.0050	0.00046	1		07/19/23 02:00	75-71-8	
1,1-Dichloroethane	**<0.00030**	mg/L	0.0010	0.00030	1		07/19/23 02:00	75-34-3	
1,2-Dichloroethane	**<0.00029**	mg/L	0.0010	0.00029	1		07/19/23 02:00	107-06-2	
1,1-Dichloroethene	**<0.00058**	mg/L	0.0010	0.00058	1		07/19/23 02:00	75-35-4	
cis-1,2-Dichloroethene	**<0.00047**	mg/L	0.0010	0.00047	1		07/19/23 02:00	156-59-2	
trans-1,2-Dichloroethene	**<0.00053**	mg/L	0.0010	0.00053	1		07/19/23 02:00	156-60-5	
1,2-Dichloropropane	**<0.00045**	mg/L	0.0010	0.00045	1		07/19/23 02:00	78-87-5	
1,3-Dichloropropane	**<0.00030**	mg/L	0.0010	0.00030	1		07/19/23 02:00	142-28-9	
2,2-Dichloropropane	**<0.00042**	mg/L	0.0010	0.00042	1		07/19/23 02:00	594-20-7	
1,1-Dichloropropene	**<0.00041**	mg/L	0.0010	0.00041	1		07/19/23 02:00	563-58-6	
cis-1,3-Dichloropropene	**<0.00024**	mg/L	0.0010	0.00024	1		07/19/23 02:00	10061-01-5	
trans-1,3-Dichloropropene	**<0.00027**	mg/L	0.0010	0.00027	1		07/19/23 02:00	10061-02-6	
Diisopropyl ether	**<0.0011**	mg/L	0.0050	0.0011	1		07/19/23 02:00	108-20-3	
Ethylbenzene	**<0.00033**	mg/L	0.0010	0.00033	1		07/19/23 02:00	100-41-4	
Hexachloro-1,3-butadiene	**<0.0027**	mg/L	0.0050	0.0027	1		07/19/23 02:00	87-68-3	
Isopropylbenzene (Cumene)	**<0.0010**	mg/L	0.0050	0.0010	1		07/19/23 02:00	98-82-8	
p-Isopropyltoluene	**<0.0010**	mg/L	0.0050	0.0010	1		07/19/23 02:00	99-87-6	
Methylene Chloride	**<0.00032**	mg/L	0.0050	0.00032	1		07/19/23 02:00	75-09-2	
Methyl-tert-butyl ether	**<0.0011**	mg/L	0.0050	0.0011	1		07/19/23 02:00	1634-04-4	
Naphthalene	**<0.0019**	mg/L	0.0050	0.0019	1		07/19/23 02:00	91-20-3	
n-Propylbenzene	**<0.00035**	mg/L	0.0010	0.00035	1		07/19/23 02:00	103-65-1	
Styrene	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 02:00	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

Sample: MW-5 **Lab ID: 40265009003** Collected: 07/10/23 12:00 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 02:00	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.00038**	mg/L	0.0010	0.00038	1		07/19/23 02:00	79-34-5	
Tetrachloroethene	**0.022**	mg/L	0.0010	0.00041	1		07/19/23 02:00	127-18-4	
Toluene	**<0.00029**	mg/L	0.0010	0.00029	1		07/19/23 02:00	108-88-3	
1,2,3-Trichlorobenzene	**<0.0010**	mg/L	0.0050	0.0010	1		07/19/23 02:00	87-61-6	
1,2,4-Trichlorobenzene	**<0.00095**	mg/L	0.0050	0.00095	1		07/19/23 02:00	120-82-1	
1,1,1-Trichloroethane	**0.00050J**	mg/L	0.0010	0.00030	1		07/19/23 02:00	71-55-6	
1,1,2-Trichloroethane	**<0.00034**	mg/L	0.0010	0.00034	1		07/19/23 02:00	79-00-5	
Trichloroethene	**<0.00032**	mg/L	0.0010	0.00032	1		07/19/23 02:00	79-01-6	
Trichlorofluoromethane	**<0.00042**	mg/L	0.0010	0.00042	1		07/19/23 02:00	75-69-4	
1,2,3-Trichloropropane	**<0.00056**	mg/L	0.0010	0.00056	1		07/19/23 02:00	96-18-4	
1,2,4-Trimethylbenzene	**<0.00045**	mg/L	0.0010	0.00045	1		07/19/23 02:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 02:00	108-67-8	
Vinyl chloride	**<0.00017**	mg/L	0.0010	0.00017	1		07/19/23 02:00	75-01-4	
m&p-Xylene	**<0.00070**	mg/L	0.0020	0.00070	1		07/19/23 02:00	179601-23-1	
o-Xylene	**<0.00035**	mg/L	0.0010	0.00035	1		07/19/23 02:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		07/19/23 02:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		07/19/23 02:00	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		07/19/23 02:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

QC Batch: 449709
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40265009003

METHOD BLANK: 2583146 Matrix: Water
Associated Lab Samples: 40265009003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/L	<0.00036	0.0010	07/18/23 16:17	
1,1,1-Trichloroethane	mg/L	<0.00030	0.0010	07/18/23 16:17	
1,1,2,2-Tetrachloroethane	mg/L	<0.00038	0.0010	07/18/23 16:17	
1,1,2-Trichloroethane	mg/L	<0.00034	0.0010	07/18/23 16:17	
1,1-Dichloroethane	mg/L	<0.00030	0.0010	07/18/23 16:17	
1,1-Dichloroethene	mg/L	<0.00058	0.0010	07/18/23 16:17	
1,1-Dichloropropene	mg/L	<0.00041	0.0010	07/18/23 16:17	
1,2,3-Trichlorobenzene	mg/L	<0.0010	0.0050	07/18/23 16:17	
1,2,3-Trichloropropane	mg/L	<0.00056	0.0010	07/18/23 16:17	
1,2,4-Trichlorobenzene	mg/L	<0.00095	0.0050	07/18/23 16:17	
1,2,4-Trimethylbenzene	mg/L	<0.00045	0.0010	07/18/23 16:17	
1,2-Dibromo-3-chloropropane	mg/L	<0.0024	0.0050	07/18/23 16:17	
1,2-Dibromoethane (EDB)	mg/L	<0.00031	0.0010	07/18/23 16:17	
1,2-Dichlorobenzene	mg/L	<0.00033	0.0010	07/18/23 16:17	
1,2-Dichloroethane	mg/L	<0.00029	0.0010	07/18/23 16:17	
1,2-Dichloropropane	mg/L	<0.00045	0.0010	07/18/23 16:17	
1,3,5-Trimethylbenzene	mg/L	<0.00036	0.0010	07/18/23 16:17	
1,3-Dichlorobenzene	mg/L	<0.00035	0.0010	07/18/23 16:17	
1,3-Dichloropropane	mg/L	<0.00030	0.0010	07/18/23 16:17	
1,4-Dichlorobenzene	mg/L	<0.00089	0.0010	07/18/23 16:17	
2,2-Dichloropropane	mg/L	<0.00042	0.0010	07/18/23 16:17	
2-Chlorotoluene	mg/L	<0.00089	0.0050	07/18/23 16:17	
4-Chlorotoluene	mg/L	<0.00089	0.0050	07/18/23 16:17	
Benzene	mg/L	<0.00030	0.0010	07/18/23 16:17	
Bromobenzene	mg/L	<0.00036	0.0010	07/18/23 16:17	
Bromochloromethane	mg/L	<0.00036	0.0010	07/18/23 16:17	
Bromodichloromethane	mg/L	<0.00042	0.0010	07/18/23 16:17	
Bromoform	mg/L	<0.00043	0.0010	07/18/23 16:17	
Bromomethane	mg/L	<0.0012	0.0050	07/18/23 16:17	
Carbon tetrachloride	mg/L	<0.00037	0.0010	07/18/23 16:17	
Chlorobenzene	mg/L	<0.00086	0.0010	07/18/23 16:17	
Chloroethane	mg/L	<0.0014	0.0050	07/18/23 16:17	
Chloroform	mg/L	<0.00050	0.0050	07/18/23 16:17	
Chloromethane	mg/L	<0.0016	0.0050	07/18/23 16:17	
cis-1,2-Dichloroethene	mg/L	<0.00047	0.0010	07/18/23 16:17	
cis-1,3-Dichloropropene	mg/L	<0.00024	0.0010	07/18/23 16:17	
Dibromochloromethane	mg/L	<0.0026	0.0050	07/18/23 16:17	
Dibromomethane	mg/L	<0.00099	0.0050	07/18/23 16:17	
Dichlorodifluoromethane	mg/L	<0.00046	0.0050	07/18/23 16:17	
Diisopropyl ether	mg/L	<0.0011	0.0050	07/18/23 16:17	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

METHOD BLANK: 2583146 Matrix: Water
Associated Lab Samples: 40265009003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	mg/L	<0.00033	0.0010	07/18/23 16:17	
Hexachloro-1,3-butadiene	mg/L	<0.0027	0.0050	07/18/23 16:17	
Isopropylbenzene (Cumene)	mg/L	<0.0010	0.0050	07/18/23 16:17	
m&p-Xylene	mg/L	<0.00070	0.0020	07/18/23 16:17	
Methyl-tert-butyl ether	mg/L	<0.0011	0.0050	07/18/23 16:17	
Methylene Chloride	mg/L	<0.00032	0.0050	07/18/23 16:17	
n-Butylbenzene	mg/L	<0.00086	0.0010	07/18/23 16:17	
n-Propylbenzene	mg/L	<0.00035	0.0010	07/18/23 16:17	
Naphthalene	mg/L	<0.0019	0.0050	07/18/23 16:17	
o-Xylene	mg/L	<0.00035	0.0010	07/18/23 16:17	
p-Isopropyltoluene	mg/L	<0.0010	0.0050	07/18/23 16:17	
sec-Butylbenzene	mg/L	<0.00042	0.0010	07/18/23 16:17	
Styrene	mg/L	<0.00036	0.0010	07/18/23 16:17	
tert-Butylbenzene	mg/L	<0.00059	0.0010	07/18/23 16:17	
Tetrachloroethene	mg/L	<0.00041	0.0010	07/18/23 16:17	
Toluene	mg/L	<0.00029	0.0010	07/18/23 16:17	
trans-1,2-Dichloroethene	mg/L	<0.00053	0.0010	07/18/23 16:17	
trans-1,3-Dichloropropene	mg/L	<0.00027	0.0010	07/18/23 16:17	
Trichloroethene	mg/L	<0.00032	0.0010	07/18/23 16:17	
Trichlorofluoromethane	mg/L	<0.00042	0.0010	07/18/23 16:17	
Vinyl chloride	mg/L	<0.00017	0.0010	07/18/23 16:17	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	07/18/23 16:17	
4-Bromofluorobenzene (S)	%	102	70-130	07/18/23 16:17	
Toluene-d8 (S)	%	103	70-130	07/18/23 16:17	

LABORATORY CONTROL SAMPLE: 2583147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/L	0.05	0.049	98	70-134	
1,1,2,2-Tetrachloroethane	mg/L	0.05	0.046	93	69-130	
1,1,2-Trichloroethane	mg/L	0.05	0.050	99	70-130	
1,1-Dichloroethane	mg/L	0.05	0.051	101	70-130	
1,1-Dichloroethene	mg/L	0.05	0.051	102	74-131	
1,2,4-Trichlorobenzene	mg/L	0.05	0.045	91	68-130	
1,2-Dibromo-3-chloropropane	mg/L	0.05	0.036	72	64-137	
1,2-Dibromoethane (EDB)	mg/L	0.05	0.046	92	70-130	
1,2-Dichlorobenzene	mg/L	0.05	0.049	98	70-130	
1,2-Dichloroethane	mg/L	0.05	0.050	99	70-137	
1,2-Dichloropropane	mg/L	0.05	0.048	96	80-121	
1,3-Dichlorobenzene	mg/L	0.05	0.051	102	70-130	
1,4-Dichlorobenzene	mg/L	0.05	0.047	94	70-130	
Benzene	mg/L	0.05	0.052	104	70-130	
Bromodichloromethane	mg/L	0.05	0.048	96	70-130	
Bromoform	mg/L	0.05	0.043	87	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

LABORATORY CONTROL SAMPLE: 2583147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	mg/L	0.05	0.040	79	21-147	
Carbon tetrachloride	mg/L	0.05	0.046	92	80-146	
Chlorobenzene	mg/L	0.05	0.051	102	70-130	
Chloroethane	mg/L	0.05	0.046	92	52-165	
Chloroform	mg/L	0.05	0.051	102	80-123	
Chloromethane	mg/L	0.05	0.031	61	51-122	
cis-1,2-Dichloroethene	mg/L	0.05	0.049	99	70-130	
cis-1,3-Dichloropropene	mg/L	0.05	0.049	97	70-130	
Dibromochloromethane	mg/L	0.05	0.046	91	70-130	
Dichlorodifluoromethane	mg/L	0.05	0.014	28	25-121	
Ethylbenzene	mg/L	0.05	0.053	106	80-120	
Isopropylbenzene (Cumene)	mg/L	0.05	0.052	104	70-130	
m&p-Xylene	mg/L	0.1	0.10	103	70-130	
Methyl-tert-butyl ether	mg/L	0.05	0.052	103	70-130	
Methylene Chloride	mg/L	0.05	0.054	107	70-130	
o-Xylene	mg/L	0.05	0.051	102	70-130	
Styrene	mg/L	0.05	0.061	122	70-130	
Tetrachloroethene	mg/L	0.05	0.051	102	70-130	
Toluene	mg/L	0.05	0.052	103	80-120	
trans-1,2-Dichloroethene	mg/L	0.05	0.052	104	70-130	
trans-1,3-Dichloropropene	mg/L	0.05	0.045	90	70-130	
Trichloroethene	mg/L	0.05	0.051	102	70-130	
Trichlorofluoromethane	mg/L	0.05	0.048	96	65-160	
Vinyl chloride	mg/L	0.05	0.037	74	63-134	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2583328 2583329

Parameter	Units	40264963012 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	mg/L	<0.30 ug/L	0.05	0.05	0.051	0.050	101	101	70-134	1	20	
1,1,2,2-Tetrachloroethane	mg/L	<0.38 ug/L	0.05	0.05	0.048	0.048	96	96	61-135	1	20	
1,1,2-Trichloroethane	mg/L	<0.34 ug/L	0.05	0.05	0.049	0.052	99	103	70-130	5	20	
1,1-Dichloroethane	mg/L	<0.30 ug/L	0.05	0.05	0.052	0.051	105	102	70-130	2	20	
1,1-Dichloroethene	mg/L	<0.58 ug/L	0.05	0.05	0.052	0.051	103	103	71-130	0	20	
1,2,4-Trichlorobenzene	mg/L	<0.95 ug/L	0.05	0.05	0.048	0.046	96	93	68-131	3	20	
1,2-Dibromo-3-chloropropane	mg/L	<2.4 ug/L	0.05	0.05	0.041	0.041	82	82	51-141	0	20	
1,2-Dibromoethane (EDB)	mg/L	<0.31 ug/L	0.05	0.05	0.048	0.049	97	98	70-130	1	20	
1,2-Dichlorobenzene	mg/L	<0.33 ug/L	0.05	0.05	0.051	0.051	102	101	70-130	1	20	
1,2-Dichloroethane	mg/L	<0.29 ug/L	0.05	0.05	0.051	0.050	102	99	70-137	2	20	
1,2-Dichloropropane	mg/L	<0.45 ug/L	0.05	0.05	0.051	0.050	103	100	80-121	3	20	
1,3-Dichlorobenzene	mg/L	<0.35 ug/L	0.05	0.05	0.054	0.053	109	107	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: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2583328 2583329

Parameter	Units	40264963012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	mg/L	<0.89 ug/L	0.05	0.05	0.050	0.048	100	96	70-130	4	20	
Benzene	mg/L	<0.30 ug/L	0.05	0.05	0.052	0.052	104	103	70-130	1	20	
Bromodichloromethane	mg/L	<0.42 ug/L	0.05	0.05	0.050	0.050	101	100	70-130	1	20	
Bromoform	mg/L	<0.43 ug/L	0.05	0.05	0.047	0.047	94	95	70-133	0	20	
Bromomethane	mg/L	<1.2 ug/L	0.05	0.05	0.040	0.041	79	82	21-149	4	22	
Carbon tetrachloride	mg/L	<0.37 ug/L	0.05	0.05	0.050	0.049	99	98	80-146	1	20	
Chlorobenzene	mg/L	<0.86 ug/L	0.05	0.05	0.052	0.053	104	107	70-130	3	20	
Chloroethane	mg/L	<1.4 ug/L	0.05	0.05	0.045	0.044	89	87	52-165	2	20	
Chloroform	mg/L	<0.50 ug/L	0.05	0.05	0.054	0.052	107	104	80-123	3	20	
Chloromethane	mg/L	<1.6 ug/L	0.05	0.05	0.029	0.027	58	55	42-125	5	20	
cis-1,2-Dichloroethene	mg/L	<0.47 ug/L	0.05	0.05	0.051	0.051	103	102	70-130	1	20	
cis-1,3-Dichloropropene	mg/L	<0.24 ug/L	0.05	0.05	0.050	0.050	100	100	70-130	0	20	
Dibromochloromethane	mg/L	<2.6 ug/L	0.05	0.05	0.049	0.050	97	100	70-130	3	20	
Dichlorodifluoromethane	mg/L	<0.46 ug/L	0.05	0.05	0.011	0.011	22	21	25-121	5	20	M1
Ethylbenzene	mg/L	<0.33 ug/L	0.05	0.05	0.053	0.055	107	109	80-121	2	20	
Isopropylbenzene (Cumene)	mg/L	<1.0 ug/L	0.05	0.05	0.052	0.053	103	105	70-130	2	20	
m&p-Xylene	mg/L	<0.70 ug/L	0.1	0.1	0.10	0.11	102	105	70-130	3	20	
Methyl-tert-butyl ether	mg/L	<1.1 ug/L	0.05	0.05	0.049	0.049	98	99	70-130	1	20	
Methylene Chloride	mg/L	<0.32 ug/L	0.05	0.05	0.057	0.053	114	106	70-130	6	20	
o-Xylene	mg/L	<0.35 ug/L	0.05	0.05	0.051	0.053	102	105	70-130	3	20	
Styrene	mg/L	<0.36 ug/L	0.05	0.05	0.061	0.063	123	126	70-132	2	20	
Tetrachloroethene	mg/L	<0.41 ug/L	0.05	0.05	0.051	0.051	102	102	70-130	0	20	
Toluene	mg/L	<0.29 ug/L	0.05	0.05	0.053	0.053	106	107	80-120	1	20	
trans-1,2-Dichloroethene	mg/L	<0.53 ug/L	0.05	0.05	0.052	0.051	104	102	70-130	1	20	
trans-1,3-Dichloropropene	mg/L	<0.27 ug/L	0.05	0.05	0.047	0.049	93	98	70-130	4	20	
Trichloroethene	mg/L	<0.32 ug/L	0.05	0.05	0.052	0.051	104	102	70-130	2	20	
Trichlorofluoromethane	mg/L	<0.42 ug/L	0.05	0.05	0.047	0.047	94	94	65-160	1	20	
Vinyl chloride	mg/L	<0.17 ug/L	0.05	0.05	0.036	0.035	72	69	60-137	4	20	
1,2-Dichlorobenzene-d4 (S)	%						99	98	70-130			
4-Bromofluorobenzene (S)	%						96	98	70-130			
Toluene-d8 (S)	%						103	105	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

QC Batch: 449841
QC Batch Method: EPA 3510
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E Water PAH
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40265009001, 40265009002

METHOD BLANK: 2584610 Matrix: Water
Associated Lab Samples: 40265009001, 40265009002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/L	<0.000018	0.000050	07/17/23 14:55	
2-Methylnaphthalene	mg/L	<0.000014	0.000050	07/17/23 14:55	
Acenaphthene	mg/L	<0.000014	0.000050	07/17/23 14:55	
Acenaphthylene	mg/L	<0.000013	0.000050	07/17/23 14:55	
Anthracene	mg/L	<0.000018	0.000050	07/17/23 14:55	
Benzo(a)anthracene	mg/L	<0.000014	0.000050	07/17/23 14:55	
Benzo(a)pyrene	mg/L	<0.000013	0.000050	07/17/23 14:55	
Benzo(b)fluoranthene	mg/L	<0.0000091	0.000050	07/17/23 14:55	
Benzo(g,h,i)perylene	mg/L	<0.000023	0.000050	07/17/23 14:55	
Benzo(k)fluoranthene	mg/L	<0.000022	0.000050	07/17/23 14:55	
Chrysene	mg/L	<0.000013	0.000050	07/17/23 14:55	
Dibenz(a,h)anthracene	mg/L	<0.000018	0.000050	07/17/23 14:55	
Fluoranthene	mg/L	<0.000026	0.000050	07/17/23 14:55	
Fluorene	mg/L	<0.000024	0.000050	07/17/23 14:55	
Indeno(1,2,3-cd)pyrene	mg/L	<0.000016	0.000050	07/17/23 14:55	
Naphthalene	mg/L	<0.000020	0.000050	07/17/23 14:55	
Phenanthrene	mg/L	<0.000026	0.000050	07/17/23 14:55	
Pyrene	mg/L	<0.000023	0.000050	07/17/23 14:55	
2-Fluorobiphenyl (S)	%	86	44-120	07/17/23 14:55	
Terphenyl-d14 (S)	%	97	49-120	07/17/23 14:55	

LABORATORY CONTROL SAMPLE: 2584611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/L	0.002	0.0015	73	51-120	
2-Methylnaphthalene	mg/L	0.002	0.0014	72	50-120	
Acenaphthene	mg/L	0.002	0.0015	76	65-120	
Acenaphthylene	mg/L	0.002	0.0015	77	61-120	
Anthracene	mg/L	0.002	0.0016	78	61-104	
Benzo(a)anthracene	mg/L	0.002	0.0015	77	51-96	
Benzo(a)pyrene	mg/L	0.002	0.0015	76	68-120	
Benzo(b)fluoranthene	mg/L	0.002	0.0016	80	55-97	
Benzo(g,h,i)perylene	mg/L	0.002	0.0016	81	69-120	
Benzo(k)fluoranthene	mg/L	0.002	0.0016	81	73-120	
Chrysene	mg/L	0.002	0.0016	81	72-126	
Dibenz(a,h)anthracene	mg/L	0.002	0.0016	79	57-115	
Fluoranthene	mg/L	0.002	0.0016	78	58-111	
Fluorene	mg/L	0.002	0.0015	76	62-120	
Indeno(1,2,3-cd)pyrene	mg/L	0.002	0.0015	76	66-120	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

LABORATORY CONTROL SAMPLE: 2584611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	mg/L	0.002	0.0015	75	53-120	
Phenanthrene	mg/L	0.002	0.0016	79	59-120	
Pyrene	mg/L	0.002	0.0016	78	59-120	
2-Fluorobiphenyl (S)	%			89	44-120	
Terphenyl-d14 (S)	%			99	49-120	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

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

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

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

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: 449894

[1] An MS / MSD pair was extracted with this batch, it is reported with a different analytical batch. The MS / MSD passed all laboratory limits.

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 6255 SOUTH MILWAUKEE AVE
Pace Project No.: 40265009

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40265009001	**MW-3**	EPA 3510	449841	EPA 8270E by SIM	449894
40265009002	**MW-4**	EPA 3510	449841	EPA 8270E by SIM	449894
40265009003	**MW-5**	EPA 8260	449709		

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: 40265009

ALL SHADED AREAS are for LAB USE ONLY

Company: DAT Environmental	Billing Information:
Address: 27834 N. Irma Lee Cir	
Report To: Chris Cailles	Email To:
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 6255 / South Milwaukee Ace	State: WI County/City: Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: 847-573-8906 Email: Cailles@datenv.com	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Marcus Grischow	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	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 [ ] No Analysis: _____

Container Preservative Type **

Lab Project Manager:

** 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 _____

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: PAH	Analyses: VOCs	Lab Profile/Line / Lab Sample # / Comments
~~Fbd~~ MW-3	GW	G				1:00		2	X		001
MW-4	GW	G				2:00		2	X		002
MW-5	GW	G				12:00		3		X	

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 #: 2904801

Samples received via: FEDEX UPS Client Courier Pace Courier

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Marcus Grischow	7/11/23 1240	Mike	7/12/23 12:40
Mike	7/12/23 5:00	CS Logistics	7/12/23 8:00
CS Logistics	7/13/23 0845		7/13/23 0845

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: DAI

Project # 40265009

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

Lab Lot# of pH paper:

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

Pace Lab #	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2							
001					2																													2.5 / 5
002					2																													2.5 / 5
003																	3																	2.5 / 5
004																																		2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007																																		2.5 / 5
008																																		2.5 / 5
009																																		2.5 / 5
010																																		2.5 / 5
011																																		2.5 / 5
012																																		2.5 / 5
013																																		2.5 / 5
014					MH 7/13/23																													2.5 / 5
015																																		2.5 / 5
016																																		2.5 / 5
017																																		2.5 / 5
018																																		2.5 / 5
019																																		2.5 / 5
020																																		2.5 / 5

Initial when completed: Date/ Time.

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	

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40265009

40265009

Client Name: DAI

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

Tracking #: _____

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

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

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

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

Cooler Temperature Uncorr: 2.0 /Corr: 2.0

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

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

Person examining contents:
Date: 7/13/23 /Initials: mH

Labeled By Initials: SKW

Chain of Custody Present:	~~Yes~~ ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ~~No~~ ☐N/A	2. billing, pg #, pres mH 7/13/23 (Date)
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~~ 7/13/23 YB	6.
Rush Turn Around Time Requested:	☐Yes ~~No~~	7.
Sufficient Volume:		8.
For Analysis: ~~Yes~~ ☐No MS/MSD: ☐Yes ~~No~~ ☐N/A		
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. Samples "001" 7/10 "002" 7/10 "003" 7/10 7/13/23 YB
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☐Yes ☐No ~~N/A~~	13.
Trip Blank Custody Seals Present	☐Yes ☐No ~~N/A~~	
Pace Trip Blank Lot # (if purchased): _____		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

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

July 19, 2023

Chris Cailles
DAI Environmental
Polo Park Business Center
27834 Irma Lee Circle
Lake Forest, IL 60045

RE: Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

Dear Chris Cailles:

Enclosed are the analytical results for sample(s) received by the laboratory on July 13, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: Jenny Rovzar, DAI

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

CERTIFICATIONS

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

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: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40265007001	**SUMP**	Water	07/10/23 13:00	07/13/23 08:45
40265007002	**EFFLUENT**	Water	07/10/23 13:30	07/13/23 08:45

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SAMPLE ANALYTE COUNT

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40265007001	**SUMP**	EPA 6010D	SIS	2
		EPA 8270E by SIM	TPO	20
		EPA 8260	EIB	64
40265007002	**EFFLUENT**	EPA 6010D	SIS	2
		EPA 8270E by SIM	TPO	20
		EPA 8260	EIB	64

PASI-G = Pace Analytical Services - Green Bay

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

SUMMARY OF DETECTION

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40265007001	**SUMP**					
EPA 6010D	Total Hardness by 2340B	685	mg/L	5.4	07/14/23 14:19	
EPA 8270E by SIM	Benzo(b)fluoranthene	0.000010J	mg/L	0.000044	07/17/23 20:42	
EPA 8270E by SIM	2-Methylnaphthalene	0.000025J	mg/L	0.000044	07/17/23 20:42	
EPA 8270E by SIM	Naphthalene	0.000023J	mg/L	0.000044	07/17/23 20:42	
EPA 8270E by SIM	Phenanthrene	0.000091	mg/L	0.000044	07/17/23 20:42	
EPA 8260	Tetrachloroethene	0.017	mg/L	0.0010	07/19/23 01:41	
40265007002	**EFFLUENT**					
EPA 6010D	Total Hardness by 2340B	691	mg/L	5.4	07/14/23 14:21	
EPA 8270E by SIM	Phenanthrene	0.000029J	mg/L	0.000045	07/17/23 21:00	

REPORT OF LABORATORY ANALYSIS

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

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

Sample: SUMP **Lab ID: 40265007001** Collected: 07/10/23 13:00 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Lead	**<0.0059**	mg/L	0.020	0.0059	1	07/13/23 12:48	07/14/23 14:19	7439-92-1	
Total Hardness by 2340B	**685**	mg/L	5.4	1.0	1	07/13/23 12:48	07/14/23 14:19		
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.000012**	mg/L	0.000044	0.000012	1	07/17/23 09:56	07/17/23 20:42	83-32-9	
Acenaphthylene	**<0.000011**	mg/L	0.000044	0.000011	1	07/17/23 09:56	07/17/23 20:42	208-96-8	
Anthracene	**<0.000016**	mg/L	0.000044	0.000016	1	07/17/23 09:56	07/17/23 20:42	120-12-7	
Benzo(a)anthracene	**<0.000012**	mg/L	0.000044	0.000012	1	07/17/23 09:56	07/17/23 20:42	56-55-3	
Benzo(a)pyrene	**<0.000011**	mg/L	0.000044	0.000011	1	07/17/23 09:56	07/17/23 20:42	50-32-8	
Benzo(b)fluoranthene	**0.000010J**	mg/L	0.000044	0.0000080	1	07/17/23 09:56	07/17/23 20:42	205-99-2	
Benzo(g,h,i)perylene	**<0.000021**	mg/L	0.000044	0.000021	1	07/17/23 09:56	07/17/23 20:42	191-24-2	
Benzo(k)fluoranthene	**<0.000020**	mg/L	0.000044	0.000020	1	07/17/23 09:56	07/17/23 20:42	207-08-9	
Chrysene	**<0.000011**	mg/L	0.000044	0.000011	1	07/17/23 09:56	07/17/23 20:42	218-01-9	
Dibenz(a,h)anthracene	**<0.000016**	mg/L	0.000044	0.000016	1	07/17/23 09:56	07/17/23 20:42	53-70-3	
Fluoranthene	**<0.000023**	mg/L	0.000044	0.000023	1	07/17/23 09:56	07/17/23 20:42	206-44-0	
Fluorene	**<0.000021**	mg/L	0.000044	0.000021	1	07/17/23 09:56	07/17/23 20:42	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.000014**	mg/L	0.000044	0.000014	1	07/17/23 09:56	07/17/23 20:42	193-39-5	
1-Methylnaphthalene	**<0.000016**	mg/L	0.000044	0.000016	1	07/17/23 09:56	07/17/23 20:42	90-12-0	
2-Methylnaphthalene	**0.000025J**	mg/L	0.000044	0.000012	1	07/17/23 09:56	07/17/23 20:42	91-57-6	
Naphthalene	**0.000023J**	mg/L	0.000044	0.000018	1	07/17/23 09:56	07/17/23 20:42	91-20-3	
Phenanthrene	**0.000091**	mg/L	0.000044	0.000023	1	07/17/23 09:56	07/17/23 20:42	85-01-8	
Pyrene	**<0.000020**	mg/L	0.000044	0.000020	1	07/17/23 09:56	07/17/23 20:42	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	94	%	44-120		1	07/17/23 09:56	07/17/23 20:42	321-60-8	
Terphenyl-d14 (S)	107	%	49-120		1	07/17/23 09:56	07/17/23 20:42	1718-51-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.00030**	mg/L	0.0010	0.00030	1		07/19/23 01:41	71-43-2	
Bromobenzene	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 01:41	108-86-1	
Bromochloromethane	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 01:41	74-97-5	
Bromodichloromethane	**<0.00042**	mg/L	0.0010	0.00042	1		07/19/23 01:41	75-27-4	
Bromoform	**<0.00043**	mg/L	0.0010	0.00043	1		07/19/23 01:41	75-25-2	
Bromomethane	**<0.0012**	mg/L	0.0050	0.0012	1		07/19/23 01:41	74-83-9	
n-Butylbenzene	**<0.00086**	mg/L	0.0010	0.00086	1		07/19/23 01:41	104-51-8	
sec-Butylbenzene	**<0.00042**	mg/L	0.0010	0.00042	1		07/19/23 01:41	135-98-8	
tert-Butylbenzene	**<0.00059**	mg/L	0.0010	0.00059	1		07/19/23 01:41	98-06-6	
Carbon tetrachloride	**<0.00037**	mg/L	0.0010	0.00037	1		07/19/23 01:41	56-23-5	
Chlorobenzene	**<0.00086**	mg/L	0.0010	0.00086	1		07/19/23 01:41	108-90-7	
Chloroethane	**<0.0014**	mg/L	0.0050	0.0014	1		07/19/23 01:41	75-00-3	
Chloroform	**<0.00050**	mg/L	0.0050	0.00050	1		07/19/23 01:41	67-66-3	
Chloromethane	**<0.0016**	mg/L	0.0050	0.0016	1		07/19/23 01:41	74-87-3	
2-Chlorotoluene	**<0.00089**	mg/L	0.0050	0.00089	1		07/19/23 01:41	95-49-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

Sample: SUMP **Lab ID: 40265007001** Collected: 07/10/23 13:00 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
4-Chlorotoluene	**<0.00089**	mg/L	0.0050	0.00089	1		07/19/23 01:41	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.0024**	mg/L	0.0050	0.0024	1		07/19/23 01:41	96-12-8	
Dibromochloromethane	**<0.0026**	mg/L	0.0050	0.0026	1		07/19/23 01:41	124-48-1	
1,2-Dibromoethane (EDB)	**<0.00031**	mg/L	0.0010	0.00031	1		07/19/23 01:41	106-93-4	
Dibromomethane	**<0.00099**	mg/L	0.0050	0.00099	1		07/19/23 01:41	74-95-3	
1,2-Dichlorobenzene	**<0.00033**	mg/L	0.0010	0.00033	1		07/19/23 01:41	95-50-1	
1,3-Dichlorobenzene	**<0.00035**	mg/L	0.0010	0.00035	1		07/19/23 01:41	541-73-1	
1,4-Dichlorobenzene	**<0.00089**	mg/L	0.0010	0.00089	1		07/19/23 01:41	106-46-7	
Dichlorodifluoromethane	**<0.00046**	mg/L	0.0050	0.00046	1		07/19/23 01:41	75-71-8	
1,1-Dichloroethane	**<0.00030**	mg/L	0.0010	0.00030	1		07/19/23 01:41	75-34-3	
1,2-Dichloroethane	**<0.00029**	mg/L	0.0010	0.00029	1		07/19/23 01:41	107-06-2	
1,1-Dichloroethene	**<0.00058**	mg/L	0.0010	0.00058	1		07/19/23 01:41	75-35-4	
cis-1,2-Dichloroethene	**<0.00047**	mg/L	0.0010	0.00047	1		07/19/23 01:41	156-59-2	
trans-1,2-Dichloroethene	**<0.00053**	mg/L	0.0010	0.00053	1		07/19/23 01:41	156-60-5	
1,2-Dichloropropane	**<0.00045**	mg/L	0.0010	0.00045	1		07/19/23 01:41	78-87-5	
1,3-Dichloropropane	**<0.00030**	mg/L	0.0010	0.00030	1		07/19/23 01:41	142-28-9	
2,2-Dichloropropane	**<0.00042**	mg/L	0.0010	0.00042	1		07/19/23 01:41	594-20-7	
1,1-Dichloropropene	**<0.00041**	mg/L	0.0010	0.00041	1		07/19/23 01:41	563-58-6	
cis-1,3-Dichloropropene	**<0.00024**	mg/L	0.0010	0.00024	1		07/19/23 01:41	10061-01-5	
trans-1,3-Dichloropropene	**<0.00027**	mg/L	0.0010	0.00027	1		07/19/23 01:41	10061-02-6	
Diisopropyl ether	**<0.0011**	mg/L	0.0050	0.0011	1		07/19/23 01:41	108-20-3	
Ethylbenzene	**<0.00033**	mg/L	0.0010	0.00033	1		07/19/23 01:41	100-41-4	
Hexachloro-1,3-butadiene	**<0.0027**	mg/L	0.0050	0.0027	1		07/19/23 01:41	87-68-3	
Isopropylbenzene (Cumene)	**<0.0010**	mg/L	0.0050	0.0010	1		07/19/23 01:41	98-82-8	
p-Isopropyltoluene	**<0.0010**	mg/L	0.0050	0.0010	1		07/19/23 01:41	99-87-6	
Methylene Chloride	**<0.00032**	mg/L	0.0050	0.00032	1		07/19/23 01:41	75-09-2	
Methyl-tert-butyl ether	**<0.0011**	mg/L	0.0050	0.0011	1		07/19/23 01:41	1634-04-4	
Naphthalene	**<0.0019**	mg/L	0.0050	0.0019	1		07/19/23 01:41	91-20-3	
n-Propylbenzene	**<0.00035**	mg/L	0.0010	0.00035	1		07/19/23 01:41	103-65-1	
Styrene	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 01:41	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 01:41	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.00038**	mg/L	0.0010	0.00038	1		07/19/23 01:41	79-34-5	
Tetrachloroethene	**0.017**	mg/L	0.0010	0.00041	1		07/19/23 01:41	127-18-4	
Toluene	**<0.00029**	mg/L	0.0010	0.00029	1		07/19/23 01:41	108-88-3	
1,2,3-Trichlorobenzene	**<0.0010**	mg/L	0.0050	0.0010	1		07/19/23 01:41	87-61-6	
1,2,4-Trichlorobenzene	**<0.00095**	mg/L	0.0050	0.00095	1		07/19/23 01:41	120-82-1	
1,1,1-Trichloroethane	**<0.00030**	mg/L	0.0010	0.00030	1		07/19/23 01:41	71-55-6	
1,1,2-Trichloroethane	**<0.00034**	mg/L	0.0010	0.00034	1		07/19/23 01:41	79-00-5	
Trichloroethene	**<0.00032**	mg/L	0.0010	0.00032	1		07/19/23 01:41	79-01-6	
Trichlorofluoromethane	**<0.00042**	mg/L	0.0010	0.00042	1		07/19/23 01:41	75-69-4	
1,2,3-Trichloropropane	**<0.00056**	mg/L	0.0010	0.00056	1		07/19/23 01:41	96-18-4	
1,2,4-Trimethylbenzene	**<0.00045**	mg/L	0.0010	0.00045	1		07/19/23 01:41	95-63-6	
1,3,5-Trimethylbenzene	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 01:41	108-67-8	
Vinyl chloride	**<0.00017**	mg/L	0.0010	0.00017	1		07/19/23 01:41	75-01-4	
m&p-Xylene	**<0.00070**	mg/L	0.0020	0.00070	1		07/19/23 01:41	179601-23-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

Sample: SUMP **Lab ID: 40265007001** Collected: 07/10/23 13:00 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
o-Xylene	**<0.00035**	mg/L	0.0010	0.00035	1		07/19/23 01:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		07/19/23 01:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		07/19/23 01:41	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		07/19/23 01:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

Sample: EFFLUENT **Lab ID: 40265007002** Collected: 07/10/23 13:30 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Lead	**<0.0059**	mg/L	0.020	0.0059	1	07/13/23 12:48	07/14/23 14:21	7439-92-1	
Total Hardness by 2340B	**691**	mg/L	5.4	1.0	1	07/13/23 12:48	07/14/23 14:21		
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**<0.000013**	mg/L	0.000045	0.000013	1	07/17/23 09:56	07/17/23 21:00	83-32-9	
Acenaphthylene	**<0.000011**	mg/L	0.000045	0.000011	1	07/17/23 09:56	07/17/23 21:00	208-96-8	
Anthracene	**<0.000017**	mg/L	0.000045	0.000017	1	07/17/23 09:56	07/17/23 21:00	120-12-7	
Benzo(a)anthracene	**<0.000012**	mg/L	0.000045	0.000012	1	07/17/23 09:56	07/17/23 21:00	56-55-3	
Benzo(a)pyrene	**<0.000012**	mg/L	0.000045	0.000012	1	07/17/23 09:56	07/17/23 21:00	50-32-8	
Benzo(b)fluoranthene	**<0.000008 3**	mg/L	0.000045	0.000008 3	1	07/17/23 09:56	07/17/23 21:00	205-99-2	
Benzo(g,h,i)perylene	**<0.000021**	mg/L	0.000045	0.000021	1	07/17/23 09:56	07/17/23 21:00	191-24-2	
Benzo(k)fluoranthene	**<0.000020**	mg/L	0.000045	0.000020	1	07/17/23 09:56	07/17/23 21:00	207-08-9	
Chrysene	**<0.000011**	mg/L	0.000045	0.000011	1	07/17/23 09:56	07/17/23 21:00	218-01-9	
Dibenz(a,h)anthracene	**<0.000016**	mg/L	0.000045	0.000016	1	07/17/23 09:56	07/17/23 21:00	53-70-3	
Fluoranthene	**<0.000024**	mg/L	0.000045	0.000024	1	07/17/23 09:56	07/17/23 21:00	206-44-0	
Fluorene	**<0.000021**	mg/L	0.000045	0.000021	1	07/17/23 09:56	07/17/23 21:00	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.000014**	mg/L	0.000045	0.000014	1	07/17/23 09:56	07/17/23 21:00	193-39-5	
1-Methylnaphthalene	**<0.000016**	mg/L	0.000045	0.000016	1	07/17/23 09:56	07/17/23 21:00	90-12-0	
2-Methylnaphthalene	**<0.000013**	mg/L	0.000045	0.000013	1	07/17/23 09:56	07/17/23 21:00	91-57-6	
Naphthalene	**<0.000018**	mg/L	0.000045	0.000018	1	07/17/23 09:56	07/17/23 21:00	91-20-3	
Phenanthrene	**0.000029J**	mg/L	0.000045	0.000023	1	07/17/23 09:56	07/17/23 21:00	85-01-8	
Pyrene	**<0.000021**	mg/L	0.000045	0.000021	1	07/17/23 09:56	07/17/23 21:00	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%	44-120		1	07/17/23 09:56	07/17/23 21:00	321-60-8	
Terphenyl-d14 (S)	93	%	49-120		1	07/17/23 09:56	07/17/23 21:00	1718-51-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.00030**	mg/L	0.0010	0.00030	1		07/19/23 01:21	71-43-2	
Bromobenzene	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 01:21	108-86-1	
Bromochloromethane	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 01:21	74-97-5	
Bromodichloromethane	**<0.00042**	mg/L	0.0010	0.00042	1		07/19/23 01:21	75-27-4	
Bromoform	**<0.00043**	mg/L	0.0010	0.00043	1		07/19/23 01:21	75-25-2	
Bromomethane	**<0.0012**	mg/L	0.0050	0.0012	1		07/19/23 01:21	74-83-9	
n-Butylbenzene	**<0.00086**	mg/L	0.0010	0.00086	1		07/19/23 01:21	104-51-8	
sec-Butylbenzene	**<0.00042**	mg/L	0.0010	0.00042	1		07/19/23 01:21	135-98-8	
tert-Butylbenzene	**<0.00059**	mg/L	0.0010	0.00059	1		07/19/23 01:21	98-06-6	
Carbon tetrachloride	**<0.00037**	mg/L	0.0010	0.00037	1		07/19/23 01:21	56-23-5	
Chlorobenzene	**<0.00086**	mg/L	0.0010	0.00086	1		07/19/23 01:21	108-90-7	
Chloroethane	**<0.0014**	mg/L	0.0050	0.0014	1		07/19/23 01:21	75-00-3	
Chloroform	**<0.00050**	mg/L	0.0050	0.00050	1		07/19/23 01:21	67-66-3	
Chloromethane	**<0.0016**	mg/L	0.0050	0.0016	1		07/19/23 01:21	74-87-3	
2-Chlorotoluene	**<0.00089**	mg/L	0.0050	0.00089	1		07/19/23 01:21	95-49-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

Sample: EFFLUENT **Lab ID: 40265007002** Collected: 07/10/23 13:30 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
4-Chlorotoluene	**<0.00089**	mg/L	0.0050	0.00089	1		07/19/23 01:21	106-43-4	
1,2-Dibromo-3-chloropropane	**<0.0024**	mg/L	0.0050	0.0024	1		07/19/23 01:21	96-12-8	
Dibromochloromethane	**<0.0026**	mg/L	0.0050	0.0026	1		07/19/23 01:21	124-48-1	
1,2-Dibromoethane (EDB)	**<0.00031**	mg/L	0.0010	0.00031	1		07/19/23 01:21	106-93-4	
Dibromomethane	**<0.00099**	mg/L	0.0050	0.00099	1		07/19/23 01:21	74-95-3	
1,2-Dichlorobenzene	**<0.00033**	mg/L	0.0010	0.00033	1		07/19/23 01:21	95-50-1	
1,3-Dichlorobenzene	**<0.00035**	mg/L	0.0010	0.00035	1		07/19/23 01:21	541-73-1	
1,4-Dichlorobenzene	**<0.00089**	mg/L	0.0010	0.00089	1		07/19/23 01:21	106-46-7	
Dichlorodifluoromethane	**<0.00046**	mg/L	0.0050	0.00046	1		07/19/23 01:21	75-71-8	
1,1-Dichloroethane	**<0.00030**	mg/L	0.0010	0.00030	1		07/19/23 01:21	75-34-3	
1,2-Dichloroethane	**<0.00029**	mg/L	0.0010	0.00029	1		07/19/23 01:21	107-06-2	
1,1-Dichloroethene	**<0.00058**	mg/L	0.0010	0.00058	1		07/19/23 01:21	75-35-4	
cis-1,2-Dichloroethene	**<0.00047**	mg/L	0.0010	0.00047	1		07/19/23 01:21	156-59-2	
trans-1,2-Dichloroethene	**<0.00053**	mg/L	0.0010	0.00053	1		07/19/23 01:21	156-60-5	
1,2-Dichloropropane	**<0.00045**	mg/L	0.0010	0.00045	1		07/19/23 01:21	78-87-5	
1,3-Dichloropropane	**<0.00030**	mg/L	0.0010	0.00030	1		07/19/23 01:21	142-28-9	
2,2-Dichloropropane	**<0.00042**	mg/L	0.0010	0.00042	1		07/19/23 01:21	594-20-7	
1,1-Dichloropropene	**<0.00041**	mg/L	0.0010	0.00041	1		07/19/23 01:21	563-58-6	
cis-1,3-Dichloropropene	**<0.00024**	mg/L	0.0010	0.00024	1		07/19/23 01:21	10061-01-5	
trans-1,3-Dichloropropene	**<0.00027**	mg/L	0.0010	0.00027	1		07/19/23 01:21	10061-02-6	
Diisopropyl ether	**<0.0011**	mg/L	0.0050	0.0011	1		07/19/23 01:21	108-20-3	
Ethylbenzene	**<0.00033**	mg/L	0.0010	0.00033	1		07/19/23 01:21	100-41-4	
Hexachloro-1,3-butadiene	**<0.0027**	mg/L	0.0050	0.0027	1		07/19/23 01:21	87-68-3	
Isopropylbenzene (Cumene)	**<0.0010**	mg/L	0.0050	0.0010	1		07/19/23 01:21	98-82-8	
p-Isopropyltoluene	**<0.0010**	mg/L	0.0050	0.0010	1		07/19/23 01:21	99-87-6	
Methylene Chloride	**<0.00032**	mg/L	0.0050	0.00032	1		07/19/23 01:21	75-09-2	
Methyl-tert-butyl ether	**<0.0011**	mg/L	0.0050	0.0011	1		07/19/23 01:21	1634-04-4	
Naphthalene	**<0.0019**	mg/L	0.0050	0.0019	1		07/19/23 01:21	91-20-3	
n-Propylbenzene	**<0.00035**	mg/L	0.0010	0.00035	1		07/19/23 01:21	103-65-1	
Styrene	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 01:21	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 01:21	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.00038**	mg/L	0.0010	0.00038	1		07/19/23 01:21	79-34-5	
Tetrachloroethene	**<0.00041**	mg/L	0.0010	0.00041	1		07/19/23 01:21	127-18-4	
Toluene	**<0.00029**	mg/L	0.0010	0.00029	1		07/19/23 01:21	108-88-3	
1,2,3-Trichlorobenzene	**<0.0010**	mg/L	0.0050	0.0010	1		07/19/23 01:21	87-61-6	
1,2,4-Trichlorobenzene	**<0.00095**	mg/L	0.0050	0.00095	1		07/19/23 01:21	120-82-1	
1,1,1-Trichloroethane	**<0.00030**	mg/L	0.0010	0.00030	1		07/19/23 01:21	71-55-6	
1,1,2-Trichloroethane	**<0.00034**	mg/L	0.0010	0.00034	1		07/19/23 01:21	79-00-5	
Trichloroethene	**<0.00032**	mg/L	0.0010	0.00032	1		07/19/23 01:21	79-01-6	
Trichlorofluoromethane	**<0.00042**	mg/L	0.0010	0.00042	1		07/19/23 01:21	75-69-4	
1,2,3-Trichloropropane	**<0.00056**	mg/L	0.0010	0.00056	1		07/19/23 01:21	96-18-4	
1,2,4-Trimethylbenzene	**<0.00045**	mg/L	0.0010	0.00045	1		07/19/23 01:21	95-63-6	
1,3,5-Trimethylbenzene	**<0.00036**	mg/L	0.0010	0.00036	1		07/19/23 01:21	108-67-8	
Vinyl chloride	**<0.00017**	mg/L	0.0010	0.00017	1		07/19/23 01:21	75-01-4	
m&p-Xylene	**<0.00070**	mg/L	0.0020	0.00070	1		07/19/23 01:21	179601-23-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

Sample: EFFLUENT **Lab ID: 40265007002** Collected: 07/10/23 13:30 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
o-Xylene	**<0.00035**	mg/L	0.0010	0.00035	1		07/19/23 01:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		07/19/23 01:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/19/23 01:21	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/19/23 01:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

QC Batch: 449660
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40265007001, 40265007002

METHOD BLANK: 2582866 Matrix: Water
Associated Lab Samples: 40265007001, 40265007002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	<0.0059	0.020	07/14/23 13:27	
Total Hardness by 2340B	mg/L	<1.0	5.4	07/14/23 13:27	

LABORATORY CONTROL SAMPLE: 2582867

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.25	0.25	102	80-120	
Total Hardness by 2340B	mg/L		66.5			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2582868 2582869

Parameter	Units	40265024005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/L	0.0062J	0.25	0.25	0.26	0.26	101	100	75-125	1	20	
Total Hardness by 2340B	mg/L	315000 ug/L			393	380				3	20	

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

QC Batch: 449709
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40265007001, 40265007002

METHOD BLANK: 2583146 Matrix: Water
Associated Lab Samples: 40265007001, 40265007002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/L	<0.00036	0.0010	07/18/23 16:17	
1,1,1-Trichloroethane	mg/L	<0.00030	0.0010	07/18/23 16:17	
1,1,2,2-Tetrachloroethane	mg/L	<0.00038	0.0010	07/18/23 16:17	
1,1,2-Trichloroethane	mg/L	<0.00034	0.0010	07/18/23 16:17	
1,1-Dichloroethane	mg/L	<0.00030	0.0010	07/18/23 16:17	
1,1-Dichloroethene	mg/L	<0.00058	0.0010	07/18/23 16:17	
1,1-Dichloropropene	mg/L	<0.00041	0.0010	07/18/23 16:17	
1,2,3-Trichlorobenzene	mg/L	<0.0010	0.0050	07/18/23 16:17	
1,2,3-Trichloropropane	mg/L	<0.00056	0.0010	07/18/23 16:17	
1,2,4-Trichlorobenzene	mg/L	<0.00095	0.0050	07/18/23 16:17	
1,2,4-Trimethylbenzene	mg/L	<0.00045	0.0010	07/18/23 16:17	
1,2-Dibromo-3-chloropropane	mg/L	<0.0024	0.0050	07/18/23 16:17	
1,2-Dibromoethane (EDB)	mg/L	<0.00031	0.0010	07/18/23 16:17	
1,2-Dichlorobenzene	mg/L	<0.00033	0.0010	07/18/23 16:17	
1,2-Dichloroethane	mg/L	<0.00029	0.0010	07/18/23 16:17	
1,2-Dichloropropane	mg/L	<0.00045	0.0010	07/18/23 16:17	
1,3,5-Trimethylbenzene	mg/L	<0.00036	0.0010	07/18/23 16:17	
1,3-Dichlorobenzene	mg/L	<0.00035	0.0010	07/18/23 16:17	
1,3-Dichloropropane	mg/L	<0.00030	0.0010	07/18/23 16:17	
1,4-Dichlorobenzene	mg/L	<0.00089	0.0010	07/18/23 16:17	
2,2-Dichloropropane	mg/L	<0.00042	0.0010	07/18/23 16:17	
2-Chlorotoluene	mg/L	<0.00089	0.0050	07/18/23 16:17	
4-Chlorotoluene	mg/L	<0.00089	0.0050	07/18/23 16:17	
Benzene	mg/L	<0.00030	0.0010	07/18/23 16:17	
Bromobenzene	mg/L	<0.00036	0.0010	07/18/23 16:17	
Bromochloromethane	mg/L	<0.00036	0.0010	07/18/23 16:17	
Bromodichloromethane	mg/L	<0.00042	0.0010	07/18/23 16:17	
Bromoform	mg/L	<0.00043	0.0010	07/18/23 16:17	
Bromomethane	mg/L	<0.0012	0.0050	07/18/23 16:17	
Carbon tetrachloride	mg/L	<0.00037	0.0010	07/18/23 16:17	
Chlorobenzene	mg/L	<0.00086	0.0010	07/18/23 16:17	
Chloroethane	mg/L	<0.0014	0.0050	07/18/23 16:17	
Chloroform	mg/L	<0.00050	0.0050	07/18/23 16:17	
Chloromethane	mg/L	<0.0016	0.0050	07/18/23 16:17	
cis-1,2-Dichloroethene	mg/L	<0.00047	0.0010	07/18/23 16:17	
cis-1,3-Dichloropropene	mg/L	<0.00024	0.0010	07/18/23 16:17	
Dibromochloromethane	mg/L	<0.0026	0.0050	07/18/23 16:17	
Dibromomethane	mg/L	<0.00099	0.0050	07/18/23 16:17	
Dichlorodifluoromethane	mg/L	<0.00046	0.0050	07/18/23 16:17	
Diisopropyl ether	mg/L	<0.0011	0.0050	07/18/23 16:17	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

METHOD BLANK: 2583146 Matrix: Water
Associated Lab Samples: 40265007001, 40265007002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	mg/L	<0.00033	0.0010	07/18/23 16:17	
Hexachloro-1,3-butadiene	mg/L	<0.0027	0.0050	07/18/23 16:17	
Isopropylbenzene (Cumene)	mg/L	<0.0010	0.0050	07/18/23 16:17	
m&p-Xylene	mg/L	<0.00070	0.0020	07/18/23 16:17	
Methyl-tert-butyl ether	mg/L	<0.0011	0.0050	07/18/23 16:17	
Methylene Chloride	mg/L	<0.00032	0.0050	07/18/23 16:17	
n-Butylbenzene	mg/L	<0.00086	0.0010	07/18/23 16:17	
n-Propylbenzene	mg/L	<0.00035	0.0010	07/18/23 16:17	
Naphthalene	mg/L	<0.0019	0.0050	07/18/23 16:17	
o-Xylene	mg/L	<0.00035	0.0010	07/18/23 16:17	
p-Isopropyltoluene	mg/L	<0.0010	0.0050	07/18/23 16:17	
sec-Butylbenzene	mg/L	<0.00042	0.0010	07/18/23 16:17	
Styrene	mg/L	<0.00036	0.0010	07/18/23 16:17	
tert-Butylbenzene	mg/L	<0.00059	0.0010	07/18/23 16:17	
Tetrachloroethene	mg/L	<0.00041	0.0010	07/18/23 16:17	
Toluene	mg/L	<0.00029	0.0010	07/18/23 16:17	
trans-1,2-Dichloroethene	mg/L	<0.00053	0.0010	07/18/23 16:17	
trans-1,3-Dichloropropene	mg/L	<0.00027	0.0010	07/18/23 16:17	
Trichloroethene	mg/L	<0.00032	0.0010	07/18/23 16:17	
Trichlorofluoromethane	mg/L	<0.00042	0.0010	07/18/23 16:17	
Vinyl chloride	mg/L	<0.00017	0.0010	07/18/23 16:17	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	07/18/23 16:17	
4-Bromofluorobenzene (S)	%	102	70-130	07/18/23 16:17	
Toluene-d8 (S)	%	103	70-130	07/18/23 16:17	

LABORATORY CONTROL SAMPLE: 2583147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/L	0.05	0.049	98	70-134	
1,1,2,2-Tetrachloroethane	mg/L	0.05	0.046	93	69-130	
1,1,2-Trichloroethane	mg/L	0.05	0.050	99	70-130	
1,1-Dichloroethane	mg/L	0.05	0.051	101	70-130	
1,1-Dichloroethene	mg/L	0.05	0.051	102	74-131	
1,2,4-Trichlorobenzene	mg/L	0.05	0.045	91	68-130	
1,2-Dibromo-3-chloropropane	mg/L	0.05	0.036	72	64-137	
1,2-Dibromoethane (EDB)	mg/L	0.05	0.046	92	70-130	
1,2-Dichlorobenzene	mg/L	0.05	0.049	98	70-130	
1,2-Dichloroethane	mg/L	0.05	0.050	99	70-137	
1,2-Dichloropropane	mg/L	0.05	0.048	96	80-121	
1,3-Dichlorobenzene	mg/L	0.05	0.051	102	70-130	
1,4-Dichlorobenzene	mg/L	0.05	0.047	94	70-130	
Benzene	mg/L	0.05	0.052	104	70-130	
Bromodichloromethane	mg/L	0.05	0.048	96	70-130	
Bromoform	mg/L	0.05	0.043	87	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

LABORATORY CONTROL SAMPLE: 2583147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	mg/L	0.05	0.040	79	21-147	
Carbon tetrachloride	mg/L	0.05	0.046	92	80-146	
Chlorobenzene	mg/L	0.05	0.051	102	70-130	
Chloroethane	mg/L	0.05	0.046	92	52-165	
Chloroform	mg/L	0.05	0.051	102	80-123	
Chloromethane	mg/L	0.05	0.031	61	51-122	
cis-1,2-Dichloroethene	mg/L	0.05	0.049	99	70-130	
cis-1,3-Dichloropropene	mg/L	0.05	0.049	97	70-130	
Dibromochloromethane	mg/L	0.05	0.046	91	70-130	
Dichlorodifluoromethane	mg/L	0.05	0.014	28	25-121	
Ethylbenzene	mg/L	0.05	0.053	106	80-120	
Isopropylbenzene (Cumene)	mg/L	0.05	0.052	104	70-130	
m&p-Xylene	mg/L	0.1	0.10	103	70-130	
Methyl-tert-butyl ether	mg/L	0.05	0.052	103	70-130	
Methylene Chloride	mg/L	0.05	0.054	107	70-130	
o-Xylene	mg/L	0.05	0.051	102	70-130	
Styrene	mg/L	0.05	0.061	122	70-130	
Tetrachloroethene	mg/L	0.05	0.051	102	70-130	
Toluene	mg/L	0.05	0.052	103	80-120	
trans-1,2-Dichloroethene	mg/L	0.05	0.052	104	70-130	
trans-1,3-Dichloropropene	mg/L	0.05	0.045	90	70-130	
Trichloroethene	mg/L	0.05	0.051	102	70-130	
Trichlorofluoromethane	mg/L	0.05	0.048	96	65-160	
Vinyl chloride	mg/L	0.05	0.037	74	63-134	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2583328 2583329

Parameter	Units	40264963012 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	mg/L	<0.30 ug/L	0.05	0.05	0.051	0.050	101	101	70-134	1	20	
1,1,2,2-Tetrachloroethane	mg/L	<0.38 ug/L	0.05	0.05	0.048	0.048	96	96	61-135	1	20	
1,1,2-Trichloroethane	mg/L	<0.34 ug/L	0.05	0.05	0.049	0.052	99	103	70-130	5	20	
1,1-Dichloroethane	mg/L	<0.30 ug/L	0.05	0.05	0.052	0.051	105	102	70-130	2	20	
1,1-Dichloroethene	mg/L	<0.58 ug/L	0.05	0.05	0.052	0.051	103	103	71-130	0	20	
1,2,4-Trichlorobenzene	mg/L	<0.95 ug/L	0.05	0.05	0.048	0.046	96	93	68-131	3	20	
1,2-Dibromo-3-chloropropane	mg/L	<2.4 ug/L	0.05	0.05	0.041	0.041	82	82	51-141	0	20	
1,2-Dibromoethane (EDB)	mg/L	<0.31 ug/L	0.05	0.05	0.048	0.049	97	98	70-130	1	20	
1,2-Dichlorobenzene	mg/L	<0.33 ug/L	0.05	0.05	0.051	0.051	102	101	70-130	1	20	
1,2-Dichloroethane	mg/L	<0.29 ug/L	0.05	0.05	0.051	0.050	102	99	70-137	2	20	
1,2-Dichloropropane	mg/L	<0.45 ug/L	0.05	0.05	0.051	0.050	103	100	80-121	3	20	
1,3-Dichlorobenzene	mg/L	<0.35 ug/L	0.05	0.05	0.054	0.053	109	107	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: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2583328 2583329

Parameter	Units	40264963012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	mg/L	<0.89 ug/L	0.05	0.05	0.050	0.048	100	96	70-130	4	20	
Benzene	mg/L	<0.30 ug/L	0.05	0.05	0.052	0.052	104	103	70-130	1	20	
Bromodichloromethane	mg/L	<0.42 ug/L	0.05	0.05	0.050	0.050	101	100	70-130	1	20	
Bromoform	mg/L	<0.43 ug/L	0.05	0.05	0.047	0.047	94	95	70-133	0	20	
Bromomethane	mg/L	<1.2 ug/L	0.05	0.05	0.040	0.041	79	82	21-149	4	22	
Carbon tetrachloride	mg/L	<0.37 ug/L	0.05	0.05	0.050	0.049	99	98	80-146	1	20	
Chlorobenzene	mg/L	<0.86 ug/L	0.05	0.05	0.052	0.053	104	107	70-130	3	20	
Chloroethane	mg/L	<1.4 ug/L	0.05	0.05	0.045	0.044	89	87	52-165	2	20	
Chloroform	mg/L	<0.50 ug/L	0.05	0.05	0.054	0.052	107	104	80-123	3	20	
Chloromethane	mg/L	<1.6 ug/L	0.05	0.05	0.029	0.027	58	55	42-125	5	20	
cis-1,2-Dichloroethene	mg/L	<0.47 ug/L	0.05	0.05	0.051	0.051	103	102	70-130	1	20	
cis-1,3-Dichloropropene	mg/L	<0.24 ug/L	0.05	0.05	0.050	0.050	100	100	70-130	0	20	
Dibromochloromethane	mg/L	<2.6 ug/L	0.05	0.05	0.049	0.050	97	100	70-130	3	20	
Dichlorodifluoromethane	mg/L	<0.46 ug/L	0.05	0.05	0.011	0.011	22	21	25-121	5	20	M1
Ethylbenzene	mg/L	<0.33 ug/L	0.05	0.05	0.053	0.055	107	109	80-121	2	20	
Isopropylbenzene (Cumene)	mg/L	<1.0 ug/L	0.05	0.05	0.052	0.053	103	105	70-130	2	20	
m&p-Xylene	mg/L	<0.70 ug/L	0.1	0.1	0.10	0.11	102	105	70-130	3	20	
Methyl-tert-butyl ether	mg/L	<1.1 ug/L	0.05	0.05	0.049	0.049	98	99	70-130	1	20	
Methylene Chloride	mg/L	<0.32 ug/L	0.05	0.05	0.057	0.053	114	106	70-130	6	20	
o-Xylene	mg/L	<0.35 ug/L	0.05	0.05	0.051	0.053	102	105	70-130	3	20	
Styrene	mg/L	<0.36 ug/L	0.05	0.05	0.061	0.063	123	126	70-132	2	20	
Tetrachloroethene	mg/L	<0.41 ug/L	0.05	0.05	0.051	0.051	102	102	70-130	0	20	
Toluene	mg/L	<0.29 ug/L	0.05	0.05	0.053	0.053	106	107	80-120	1	20	
trans-1,2-Dichloroethene	mg/L	<0.53 ug/L	0.05	0.05	0.052	0.051	104	102	70-130	1	20	
trans-1,3-Dichloropropene	mg/L	<0.27 ug/L	0.05	0.05	0.047	0.049	93	98	70-130	4	20	
Trichloroethene	mg/L	<0.32 ug/L	0.05	0.05	0.052	0.051	104	102	70-130	2	20	
Trichlorofluoromethane	mg/L	<0.42 ug/L	0.05	0.05	0.047	0.047	94	94	65-160	1	20	
Vinyl chloride	mg/L	<0.17 ug/L	0.05	0.05	0.036	0.035	72	69	60-137	4	20	
1,2-Dichlorobenzene-d4 (S)	%						99	98	70-130			
4-Bromofluorobenzene (S)	%						96	98	70-130			
Toluene-d8 (S)	%						103	105	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

QC Batch: 449841
QC Batch Method: EPA 3510
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E Water PAH
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40265007001, 40265007002

METHOD BLANK: 2584610 Matrix: Water
Associated Lab Samples: 40265007001, 40265007002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/L	<0.000018	0.000050	07/17/23 14:55	
2-Methylnaphthalene	mg/L	<0.000014	0.000050	07/17/23 14:55	
Acenaphthene	mg/L	<0.000014	0.000050	07/17/23 14:55	
Acenaphthylene	mg/L	<0.000013	0.000050	07/17/23 14:55	
Anthracene	mg/L	<0.000018	0.000050	07/17/23 14:55	
Benzo(a)anthracene	mg/L	<0.000014	0.000050	07/17/23 14:55	
Benzo(a)pyrene	mg/L	<0.000013	0.000050	07/17/23 14:55	
Benzo(b)fluoranthene	mg/L	<0.0000091	0.000050	07/17/23 14:55	
Benzo(g,h,i)perylene	mg/L	<0.000023	0.000050	07/17/23 14:55	
Benzo(k)fluoranthene	mg/L	<0.000022	0.000050	07/17/23 14:55	
Chrysene	mg/L	<0.000013	0.000050	07/17/23 14:55	
Dibenz(a,h)anthracene	mg/L	<0.000018	0.000050	07/17/23 14:55	
Fluoranthene	mg/L	<0.000026	0.000050	07/17/23 14:55	
Fluorene	mg/L	<0.000024	0.000050	07/17/23 14:55	
Indeno(1,2,3-cd)pyrene	mg/L	<0.000016	0.000050	07/17/23 14:55	
Naphthalene	mg/L	<0.000020	0.000050	07/17/23 14:55	
Phenanthrene	mg/L	<0.000026	0.000050	07/17/23 14:55	
Pyrene	mg/L	<0.000023	0.000050	07/17/23 14:55	
2-Fluorobiphenyl (S)	%	86	44-120	07/17/23 14:55	
Terphenyl-d14 (S)	%	97	49-120	07/17/23 14:55	

LABORATORY CONTROL SAMPLE: 2584611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/L	0.002	0.0015	73	51-120	
2-Methylnaphthalene	mg/L	0.002	0.0014	72	50-120	
Acenaphthene	mg/L	0.002	0.0015	76	65-120	
Acenaphthylene	mg/L	0.002	0.0015	77	61-120	
Anthracene	mg/L	0.002	0.0016	78	61-104	
Benzo(a)anthracene	mg/L	0.002	0.0015	77	51-96	
Benzo(a)pyrene	mg/L	0.002	0.0015	76	68-120	
Benzo(b)fluoranthene	mg/L	0.002	0.0016	80	55-97	
Benzo(g,h,i)perylene	mg/L	0.002	0.0016	81	69-120	
Benzo(k)fluoranthene	mg/L	0.002	0.0016	81	73-120	
Chrysene	mg/L	0.002	0.0016	81	72-126	
Dibenz(a,h)anthracene	mg/L	0.002	0.0016	79	57-115	
Fluoranthene	mg/L	0.002	0.0016	78	58-111	
Fluorene	mg/L	0.002	0.0015	76	62-120	
Indeno(1,2,3-cd)pyrene	mg/L	0.002	0.0015	76	66-120	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

LABORATORY CONTROL SAMPLE: 2584611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	mg/L	0.002	0.0015	75	53-120	
Phenanthrene	mg/L	0.002	0.0016	79	59-120	
Pyrene	mg/L	0.002	0.0016	78	59-120	
2-Fluorobiphenyl (S)	%			89	44-120	
Terphenyl-d14 (S)	%			99	49-120	

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

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

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

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

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: 449894

[1] An MS / MSD pair was extracted with this batch, it is reported with a different analytical batch. The MS / MSD passed all laboratory limits.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 6255 S. MILWAUKEE ACE
Pace Project No.: 40265007

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40265007001	**SUMP**	EPA 3010A	449660	EPA 6010D	449750
40265007002	**EFFLUENT**	EPA 3010A	449660	EPA 6010D	449750
40265007001	**SUMP**	EPA 3510	449841	EPA 8270E by SIM	449894
40265007002	**EFFLUENT**	EPA 3510	449841	EPA 8270E by SIM	449894
40265007001	**SUMP**	EPA 8260	449709		
40265007002	**EFFLUENT**	EPA 8260	449709		

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: 40265007

ALL SHADED AREAS are for LAB USE ONLY

Company: DAF Environmental	Billing Information:
Address: 21834 N. Irma Lee Circ.	
Report To: Chris Cailles	Email To:
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 6255 / St Milwaukee Ave	State: / County/City: Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: 847 573-8906 Email: Cailles@daienv.com	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Marcus Gueschow	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Marcus	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 [ ] No Analysis: _____

Container Preservative Type **: | Lab Project Manager:

** 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 _____

* 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: VOCs	PAH	Pb	Hardness	Lab Profile/Line
Sump	GW	G			7/10/23	100		6	X	X	X	X	001
Effluent	GW	G			7/10/23	1:30		6	X	X	X	X	002

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: 2904802

Samples received via: FEDEX UPS Client Courier Pace Courier

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

Relinquished by/Company: (Signature) Marcus	Date/Time: 7/11/23 1248	Received by/Company: (Signature) Mike	Date/Time: 7/12/23 12:40
Relinquished by/Company: (Signature) Mike	Date/Time: 7/12/23 5:00	Received by/Company: (Signature) CS Logistics	Date/Time: 7/12/23 8:00
Relinquished by/Company: (Signature) CS Logistics	Date/Time: 7/13/23 0845	Received by/Company: (Signature) Mark	Date/Time: 7/13/23 0845

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: DAI Project # 402650071

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

Lab Lot# of pH paper. 1000723 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					2						1						SW														X		2.5 / 5
002					2						1						SW														X		2.5 / 5
003																																	2.5 / 5
004																																	2.5 / 5
005																																	2.5 / 5
006																																	2.5 / 5
007																																	2.5 / 5
008																																	2.5 / 5
009																																	2.5 / 5
010																																	2.5 / 5
011																																	2.5 / 5
012																																	2.5 / 5
013					MH 7/18/25																												2.5 / 5
014																																	2.5 / 5
015																																	2.5 / 5
016																																	2.5 / 5
017																																	2.5 / 5
018																																	2.5 / 5
019																																	2.5 / 5
020																																	2.5 / 5

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

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

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40265007

40265007

Client Name: DAI

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

Tracking #: _____

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

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

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

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

Cooler Temperature Uncorr: 2.0 /Corr: 2.0

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

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

Person examining contents:
Date: 7/13/23 /Initials: mH

Labeled By Initials: SKW

Chain of Custody Present.	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☒No ☐N/A	2. billing, pg #, pres. mH 7/13/23
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:		8.
For Analysis: ☒Yes ☐No MS/MSD:	☐Yes ☒No ☐N/A	
Correct Containers Used.	☒Yes ☐No	9.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☐Yes ☒No ☐N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased): _____		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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