

February 29, 2024

Mr. Riley Neumann  
Wisconsin Department of Natural Resources  
1027 West St. Paul Avenue  
Milwaukee, Wisconsin 53233

**Re: *Quarterly Groundwater Sampling Report***  
***(January 2024 Results)***  
***BRRTS #: 02-41-576336***  
***FID #: 241828620***  
***Sunrise Shopping Center***  
***2410-2424 10<sup>th</sup> Avenue & 1009 Marquette Avenue***  
***South Milwaukee, Wisconsin 53172***

Mr. Neumann:

Please find submitted the *Quarterly Groundwater Sampling Report* for the Sunrise Shopping Center facility located at the above-referenced address. Quarterly groundwater sampling to monitor any changes in Tetrachloroethene (Perc) concentrations continues at monitoring well MW-5. Sample results continue to document Perc concentration stability. With the closure of BRRTS number 02-41-579429, quarterly groundwater sampling of MW-3 and MW-4 has been discontinued. As required, this quarterly report and all supporting documentation are 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, P.E.  
Project Engineer

**QUARTERLY GROUNDWATER SAMPLING REPORT  
(JANUARY 2024 RESULTS)  
SUNRISE SHOPPING CENTER-FORMER DRY CLEANER  
2410-2424 10<sup>TH</sup> AVENUE & 1009 MARQUETTE AVENUE  
SOUTH MILWAUKEE, WISCONSIN 53172  
WDNR BRRTS ACTIVITY #02-41-576336  
WDNR FID #241828620**

February 29, 2024

DAI Project Number: 6255

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## 1.0 INTRODUCTION

Two (2) BRRTS numbers have been assigned by the Wisconsin Department of Natural Resources (WDNR) to the Sunrise Shopping Center facility, addressed as 2410-2424 10<sup>th</sup> 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 which is associated with the former dry cleaner operations addressed as 2410 10<sup>th</sup> Avenue was assigned BRRTS number 02-41-576336. Petroleum-associated contamination, including Benzene and Polynuclear Aromatic Hydrocarbons (PAH), was assigned BRRTS number 02-41-579429. As part of the Remedial Actions for both BRRTS numbers assigned to the Site, quarterly groundwater sampling has been conducted since January 2018. A Case Closure Letter dated December 20, 2023, was received from WDNR for BRRTS number 02-41-579429. Therefore, quarterly groundwater sampling will only continue for BRRTS number 02-41-576336 until a Case Closure Letter is received from WDNR. 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 was conducted at monitoring wells MW-3 to MW-5 through October 2023. 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. With the closure of BRRTS number 02-41-579429, quarterly groundwater sampling will only continue for MW-5. Four (4) additional groundwater monitoring wells (MW-600 to MW-603) installed in January 2022 (see Figure B.3.d) are not part of the quarterly groundwater sampling, but are used for static water elevation measurements.

The purpose of the continued quarterly groundwater sampling at MW-5 is to monitor any changes in groundwater contaminant concentrations for Tetrachloroethene (Perc). The sampling has documented concentrations before, during, and following the Remedial Actions conducted using chemical treatment. The quarterly groundwater sampling protocol beginning in January 2024 includes:

- Static water level measurement collection from all accessible monitoring wells using an electronic water level indicator capable of detecting water depth with an accuracy of  $\pm 0.01$  ft; and
- Groundwater sample collection 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, MW-5 was 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, the groundwater sample was collected using a disposable PVC bailer and distributed directly into the appropriate sample containers (40-mL vials preserved with hydrochloric acid) for subsequent laboratory of VOCs via USEPA Method SW8260. 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°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 quarterly since the second quarter 2018. Static water level elevations were referenced to the surveyed top of casing elevations. Quarterly static groundwater elevations indicated relatively high variability in elevation between quarters, with monitoring wells MW-1 and MW-3 most influenced by large areas of backfill. Prior to installation of the 600-series monitoring wells, the groundwater flow direction was consistently from the northwest along the southern half of the Site and north-northeasterly along the northern half of the Site. However, with the addition of the 600-series monitoring wells and the exclusion of MW-1 and MW-3, which are influenced by large areas of backfill, a more east-northeasterly groundwater flow direction has been observed.

Although the groundwater flow direction below the Site has been well established, WDNR requested that the groundwater elevation and flow direction be re-evaluated with the installation and beginning of operation of two (2) additional sump pits in the basement of the Ace Hardware building. Therefore, the first quarter 2024 groundwater sampling event included a complete round of static water level measurements (with the exception of MW-601, which was inaccessible at the time of sampling) and generation of a potentiometric surface map. Table A.6 in Attachment A provides a historical summary of groundwater elevation information, and the potentiometric surface map generated from the January 2024 data is included as Figure B.3.c.27 (see Attachment B). Based upon review of Table A.6 and Figure B.3.c.27, the addition of the sumps in the Ace Hardware basement has not impacted the overall groundwater elevations or flow direction. October 2023 and January 2024 elevations (collected subsequent to beginning sump operations in September 2023) remain consistent with past measurements and the previously established east-northeasterly groundwater flow direction.

### **3.2 Groundwater Analytical Results**

Groundwater samples for the first quarter of 2024 (i.e., January-March 2024) were collected on January 22, 2024, following the protocol described in Section 2.2. The groundwater sample

collected from MW-5 was analyzed for VOCs. A historical summary of all groundwater sampling data since the beginning of Site Investigations is provided Table A.1.A of Attachment A. Results 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 first quarter 2024 sampling is provided in this report as Attachment C.1.E.

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 stable concentration since September 2019. The January 2024 concentration was 0.012-mg/L, lower than October 2023 but consistent with other recent results, indicating stable Perc concentrations. 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 sumps, which continue to function for groundwater recovery, also indicates stable Perc concentrations. (The influent water in the sumps 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 since July 2021.

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.



## 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 were issued coverage under WPDES Permit Number WI-0046566-07-0 on July 21, 2023.

System discharge and sump water sampling of the original one sump system began on June 25, 2019. The sump water samples are collected for VOC analysis to both monitor the groundwater contaminant concentrations around the Ace Hardware building, and to verify the system is operating correctly. Weekly samples of the two (2) additionally installed systems began in September 2023, followed by monthly sampling as required by the WPDES permit. Monthly sampling of the sump water influent and system effluent discharges will continue. 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 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. System influent and effluent sampling will continue on a monthly basis, as required.

**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                                    | 01/22/24      | <u>0.012</u>      | <0.00032           |
|   | 10/30/23      | <u>0.022</u>      | 0.0004 (J)         |
|   | 07/10/23      | <u>0.022</u>      | 0.0005 (J)         |
|   | 04/21/23      | <u>0.01</u>       | <0.00032           |
|   | 01/06/23      | <u>0.013</u>      | <0.00032           |
|   | 10/04/22      | <u>0.019</u>      | <0.00032           |
|   | 08/05/22      | <u>0.021</u>      | 0.00069 (J)        |
|   | 04/11/22      | <u>0.011</u>      | <0.00032           |
|   | 01/24/22      | <u>0.021</u>      | <b>0.00067</b>     |
|   | 11/11/21      | <u>0.024</u>      | 0.00034 (J)        |
|   | 08/31/21      | <u>0.021</u>      | <0.00032           |
|   | 05/09/21      | <u>0.012</u>      | <0.00032           |
|   | 01/18/21      | <u>0.01</u>       | <0.00026           |
|   | 10/12/20      | <u>0.014</u>      | 0.00047            |
|   | 07/14/20      | <u>0.01</u>       | <0.00026           |
|   | 05/05/20      | <b>0.0088</b>     | <0.00026           |
|   | 01/17/20      | <b>0.0084</b>     | 0.00038 (J)        |
|   | 10/24/19      | <u>0.012</u>      | 0.00039 (J)        |
|   | 09/05/19      | <u>0.0153</u>     | 0.00038 (J)        |
|   | 07/07/19      | <u>0.0106</u>     | 0.00048 (J)        |
|   | 04/29/19      | <u>0.0114</u>     | <b>0.00071 (J)</b> |
|   | 01/25/19      | <u>0.0065</u>     | <b>0.0027</b>      |
|   | 10/11/18      | <u>0.021</u>      | 0.00027 (J)        |
| 07/30/18                                | <u>0.0086</u> | <0.00026          |                    |
| 04/07/18                                | <u>0.0203</u> | <0.00033          |                    |
| 01/05/18                                | <u>0.0181</u> | <0.00033          |                    |
| 05/30/17                                | <u>0.0124</u> | <0.00033          |                    |
| 02/23/16                                | <u>0.0083</u> | <0.00033          |                    |
| 01/27/15                                | <u>0.0026</u> | <0.00033          |                    |
| 11/12/14 (TW-2)                         | <u>0.0026</u> | <0.00033          |                    |
| <b>PAL<sup>1</sup></b>                  |               | <b>0.0005</b>     | <b>0.0005</b>      |
| <b>Enforcement Standard<sup>2</sup></b> |               | <b>0.005</b>      | <b>0.005</b>       |

<sup>1</sup> – Preventive Action Limits (PALs) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1

<sup>2</sup> – 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.5.A. Ace Hardware Sump Water Analytical Table for Tetrachlorethene (mg/L)  
(Sump 1 – Northwest Corner of Basement)**

| Sample Location                         | Sample Date         | Tetrachloroethene    |
|---|---------------------|----------------------|
| Sump                                    | 01/05/24            | <b><u>0.0066</u></b> |
|   | 12/11/23            | <b><u>0.0074</u></b> |
|   | 11/07/23            | <b><u>0.012</u></b>  |
|   | 10/05/23            | <b><u>0.011</u></b>  |
|   | 09/14/23            | <b><u>0.013</u></b>  |
|   | 09/05/23            | <b><u>0.013</u></b>  |
|   | 08/08/23            | <b><u>0.015</u></b>  |
|   | 07/10/23            | <b><u>0.017</u></b>  |
|   | 06/12/23            | <b><u>0.012</u></b>  |
|   | 05/09/23            | <b><u>0.0075</u></b> |
|   | 04/07/23            | <b><u>0.0066</u></b> |
|   | 03/07/23            | <b><u>0.0069</u></b> |
|   | 02/06/23            | <b><u>0.0072</u></b> |
|   | 01/13/23            | <b><u>0.0081</u></b> |
|   | 12/05/22            | <b><u>0.0076</u></b> |
|   | 11/21/22            | <b><u>0.0077</u></b> |
|   | 10/03/22            | <b><u>0.011</u></b>  |
|   | 09/13/22            | <b><u>0.0091</u></b> |
|   | 08/01/22            | <b><u>0.01</u></b>   |
|   | 07/14/22            | <b><u>0.01</u></b>   |
|   | 06/02/22            | <b><u>0.012</u></b>  |
|   | 05/06/22            | <b><u>0.006</u></b>  |
|   | 04/01/22            | <b><u>0.0041</u></b> |
|   | 03/03/22            | <b><u>0.01</u></b>   |
|   | 02/01/22            | <b><u>0.01</u></b>   |
|   | 01/18/22            | <b><u>0.013</u></b>  |
|   | 12/06/21            | <b><u>0.013</u></b>  |
|   | 11/05/21            | <b><u>0.014</u></b>  |
|   | 10/04/21            | <b><u>0.016</u></b>  |
|   | 09/10/21            | <b><u>0.015</u></b>  |
| 08/06/21                                | <b><u>0.016</u></b> |                      |
| 07/02/21                                | <b><u>0.014</u></b> |                      |
| 06/14/21                                | <b><u>0.013</u></b> |                      |
| 05/03/21                                | <b><u>0.016</u></b> |                      |
| 04/06/21                                | <b><u>0.012</u></b> |                      |
| 03/08/21                                | <b><u>0.01</u></b>  |                      |
| 02/02/21                                | <b><u>0.014</u></b> |                      |
| 01/12/21                                | <b><u>0.005</u></b> |                      |
| <b>PAL<sup>1</sup></b>                  |                     | <b>0.0005</b>        |
| <b>Enforcement Standard<sup>2</sup></b> |                     | <b>0.005</b>         |

<sup>1</sup> – Preventive Action Limits (PALs) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1

<sup>2</sup> – 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.A (Continued). Ace Hardware Sump Water Analytical Table  
for Tetrachlorethene (mg/L)  
(Sump 1 – Northwest Corner of Basement)**

| Sample Location                         | Sample Date              | Tetrachloroethene   |
|---|--------------------------|---------------------|
| Sump                                    | 12/09/20                 | <b>0.0048</b>       |
|   | 11/12/20                 | <b>0.0068</b>       |
|   | 10/12/20                 | <b>0.009</b>        |
|   | 09/03/20                 | <b>0.0065</b>       |
|   | 08/17/20                 | <b>0.01</b>         |
|   | 07/14/20                 | <b>0.0078</b>       |
|   | 06/03/20                 | <b>0.0068</b>       |
|   | 05/05/20                 | <b>0.0054</b>       |
|   | 04/06/20                 | <b>0.005</b>        |
|   | 03/10/20                 | <b>0.0063</b>       |
|   | 02/03/20                 | <b>0.006</b>        |
|   | 01/07/2012/03/19         | <b>0.00650.0068</b> |
|   | 11/04/19                 | <b>0.008</b>        |
|   | 10/02/19                 | <b>0.0069</b>       |
|   | 09/05/19                 | <b>0.0076</b>       |
|   | 08/02/19                 | <b>0.005</b>        |
|   | 07/19/19                 | <b>0.0062</b>       |
|   | 06/25/19 (first monthly) | <b>0.0054</b>       |
|   | 06/06/19 (week 4)        | <b>0.0069</b>       |
|   | 05/29/19 (week 3)        | <b>0.0043</b>       |
| 05/23/19 (week 2)                       | <b>0.0042</b>            |                     |
| 05/15/19 (week 1)                       | <b>0.0093</b>            |                     |
| 02/04/19                                | <b>0.0064</b>            |                     |
| 01/05/18                                | <b>0.0082</b>            |                     |
| 06/04/17                                | <b>0.006</b>             |                     |
| <b>PAL<sup>1</sup></b>                  |                          | <b>0.0005</b>       |
| <b>Enforcement Standard<sup>2</sup></b> |                          | <b>0.005</b>        |

<sup>1</sup> – Preventive Action Limits (PALs) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1

<sup>2</sup> – 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.B. Ace Hardware Sump Water Analytical Table for Tetrachlorethene (mg/L)  
(Sump 2 – Southeast Interior Wall of Basement)**

| Sample Location                         | Sample Date | Tetrachloroethene |
|---|-------------|-------------------|
| Sump                                    | 01/05/24    | <b>0.0022</b>     |
|   | 12/11/23    | <0.00041          |
|   | 11/07/23    | <b>0.0068</b>     |
|   | 10/05/23    | <u>0.0052</u>     |
|   | 09/27/23    | <b>0.0049</b>     |
|   | 09/19/23    | <b>0.0043</b>     |
|   | 09/14/23    | <b>0.0038</b>     |
|   | 09/05/23    | <0.00041          |
| <b>PAL<sup>1</sup></b>                  |             | <b>0.0005</b>     |
| <b>Enforcement Standard<sup>2</sup></b> |             | <b>0.005</b>      |

<sup>1</sup> – Preventive Action Limits (PALs) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1

<sup>2</sup> – 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.C. Ace Hardware Sump Water Analytical Table for Tetrachlorethene (mg/L)  
(Sump 3 – Southwest Interior Wall of Basement)**

| Sample Location                         | Sample Date | Tetrachloroethene |
|---|-------------|-------------------|
| Sump                                    | 01/05/24    | <0.00041          |
|   | 12/11/23    | <0.00041          |
|   | 11/07/23    | <0.00041          |
|   | 10/05/23    | <0.00041          |
|   | 09/27/23    | <0.00041          |
|   | 09/19/23    | <0.00041          |
|   | 09/14/23    | <0.00041          |
|   | 09/05/23    | <b>0.0026</b>     |
| <b>PAL<sup>1</sup></b>                  |             | <b>0.0005</b>     |
| <b>Enforcement Standard<sup>2</sup></b> |             | <b>0.005</b>      |

<sup>1</sup> – Preventive Action Limits (PALs) taken from Wisconsin Administrative Code, Chapter NR 140, Table 1

<sup>2</sup> – 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**

| <b>Monitoring Well</b> | <b>Top of Casing Elevation*</b> | <b>Date</b> | <b>Measured Depth to Groundwater (ft)</b> | <b>Relative Groundwater Elevation (ft)</b> |
|------------------------|---------------------------------|-------------|---|--|
| MW-1                   | 98.08<br>(2022 survey)          | 01/22/24    | 1.55                                      | 96.53                                      |
|                        |                                 | 10/30/23    | 2.82                                      | 95.26                                      |
|                        |                                 | 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<br>(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<br>(2022 survey)          | 01/22/24    | 6.55                                      | 92.77                                      |
|                        |                                 | 10/30/23    | 7.21                                      | 92.11                                      |
|                        |                                 | 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<br>(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<br>(2022 survey)   | 01/22/24 | 2.25                               | 96.72                               |
|                 |                          | 10/30/23 | 3.45                               | 95.52                               |
|                 |                          | 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<br>(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**

| <b>Monitoring Well</b> | <b>Top of Casing Elevation*</b> | <b>Date</b> | <b>Measured Depth to Groundwater (ft)</b> | <b>Relative Groundwater Elevation (ft)</b> |
|------------------------|---------------------------------|-------------|---|--|
| MW-4                   | 99.75<br>(2022 survey)          | 01/22/24    | 4.89                                      | 94.86                                      |
|                        |                                 | 10/30/23    | 5.20                                      | 94.55                                      |
|                        |                                 | 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<br>(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<br>(2022 survey)          | 01/22/24    | 5.85                                      | 93.51                                      |
|                        |                                 | 10/30/23    | 5.88                                      | 93.48                                      |
|                        |                                 | 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**

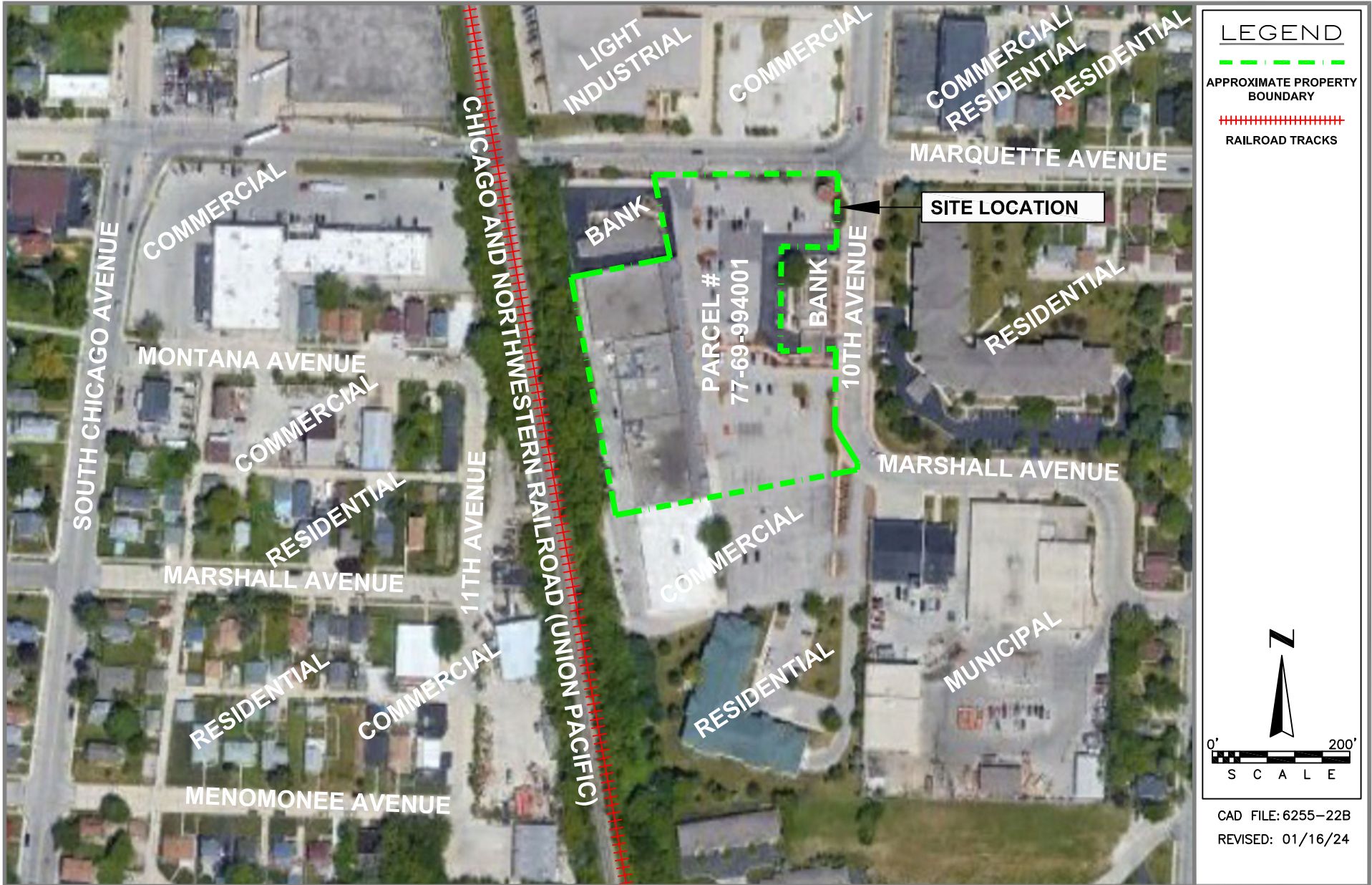
| <b>Monitoring Well</b> | <b>Top of Casing Elevation*</b> | <b>Date</b>   | <b>Measured Depth to Groundwater (ft)</b> | <b>Relative Groundwater Elevation (ft)</b> |
|------------------------|---------------------------------|---------------|---|--|
| MW-5                   | 100.24<br>(2015 survey)         | 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<br>(2022 survey)          | 01/22/24      | 7.02                                      | 92.41                                      |
|                        |                                 | 10/30/23      | 8.20                                      | 91.23                                      |
|                        |                                 | 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<br>(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**

| <b>Monitoring Well</b> | <b>Top of Casing Elevation*</b> | <b>Date</b> | <b>Measured Depth to Groundwater (ft)</b> | <b>Relative Groundwater Elevation (ft)</b> |
|------------------------|---------------------------------|-------------|---|--|
| MW-600                 | 97.72<br>(2022 survey)          | 01/22/24    | 7.43                                      | 90.29                                      |
|                        |                                 | 10/30/23    | 7.68                                      | 90.04                                      |
|                        |                                 | 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<br>(2022 survey)          | 01/22/24    | Inaccessible                              | --   |
|                        |                                 | 10/30/23    | 9.11                                      | 89.00                                      |
|                        |                                 | 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<br>(2022 survey)          | 01/22/24    | 7.78                                      | 91.40                                      |
|                        |                                 | 10/30/23    | 9.03                                      | 90.15                                      |
|                        |                                 | 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<br>(2022 survey)          | 01/22/24    | 4.88                                      | 94.64                                      |
|                        |                                 | 10/30/23    | 5.57                                      | 93.95                                      |
|                        |                                 | 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.

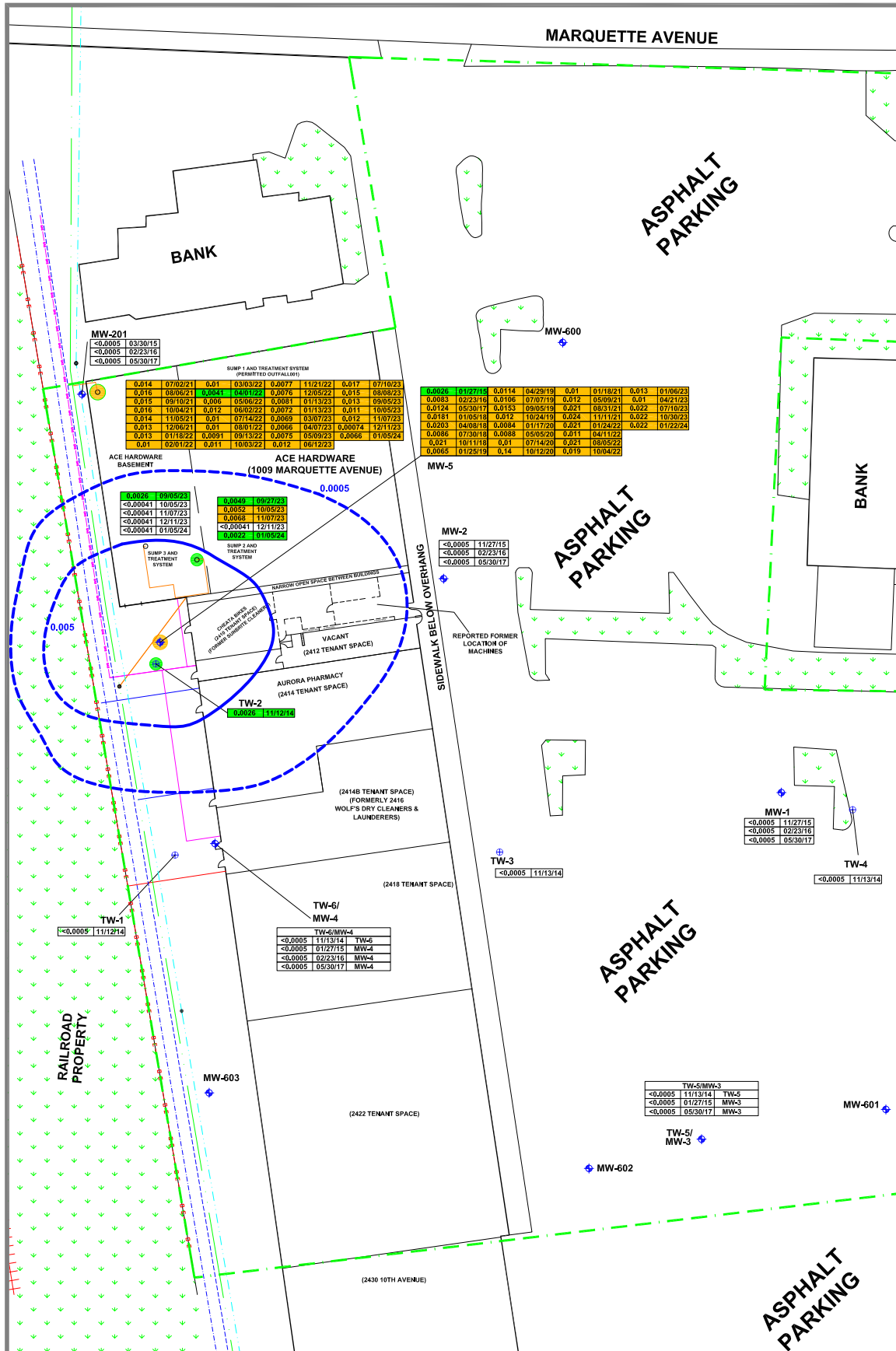
**APPENDIX B**  
**FIGURES**



**DAI**  
ENVIRONMENTAL

SUNRISE SHOPPING CENTER-FORMER DRY CLEANER  
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)



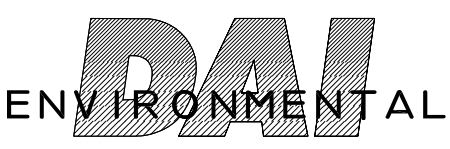
### LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- VEGETATION
- (2410) UNIT ADDRESS
- GAS UTILITY LINE
- SANITARY 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 |
|-----------------|-------------|
| 0.0005          | 11/27/15    |
| 0.0005          | 02/23/16    |
| 0.0005          | 05/30/17    |

- SITE INVESTIGATION DEFINED PERC ISOCONCENTRATION LINE (mg/L)
- SITE INVESTIGATION ESTIMATED PERC ISOCONCENTRATION LINE (mg/L)

CAD FILE: 6255-2121  
REVISED: 02/23/24



SUNRISE SHOPPING CTR-FMR DRY CLEANER  
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

GAS UTILITY LINE

SANITARY UTILITY LINE

SANITARY UTILITY LINE

WATER UTILITY LINE (12")

WATER UTILITY LINE (4")

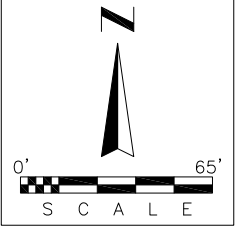
OVERHEAD ELECTRIC UTILITY LINE

MONITORING WELL LOCATION

SOIL BORING WITH TEMPORARY WELL LOCATION

OBSERVED PAL EXCEEDANCE FOR TCE

| TCE CONC. mg/L        | SAMPLE DATE |
|-----------------------|-------------|
| <math><0.00033</math> | 03/30/15    |
| <math><0.00033</math> | 02/23/16    |
| <math><0.00033</math> | 05/30/17    |

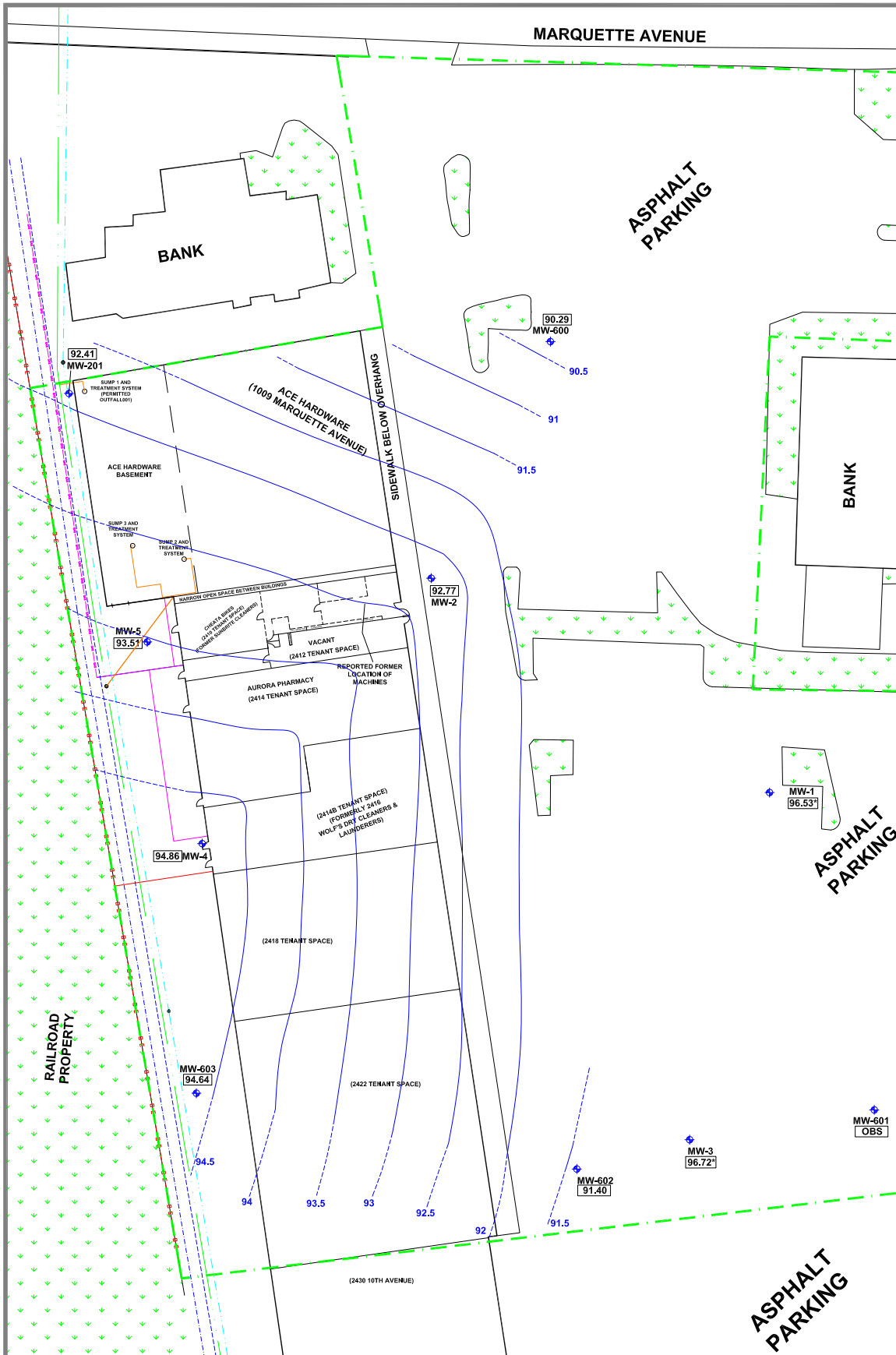


CAD FILE: 6255-214H  
REVISED: 02/23/24



SUNRISE SHOPPING CTR-FMR DRY CLEANER  
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
- GAS UTILITY LINE
- SANITARY UTILITY LINE
- SANITARY UTILITY LINE
- WATER UTILITY LINE (12")
- WATER UTILITY LINE (4")
- OVERHEAD ELECTRIC UTILITY LINE
- MONITORING WELL LOCATION
- GROUNDWATER ELEVATION
- NOT USED IN INTERPOLATION
- WELL OBSTRUCTED
- POTENTIOMETRIC SURFACE
- INFERRED POTENTIOMETRIC SURFACE

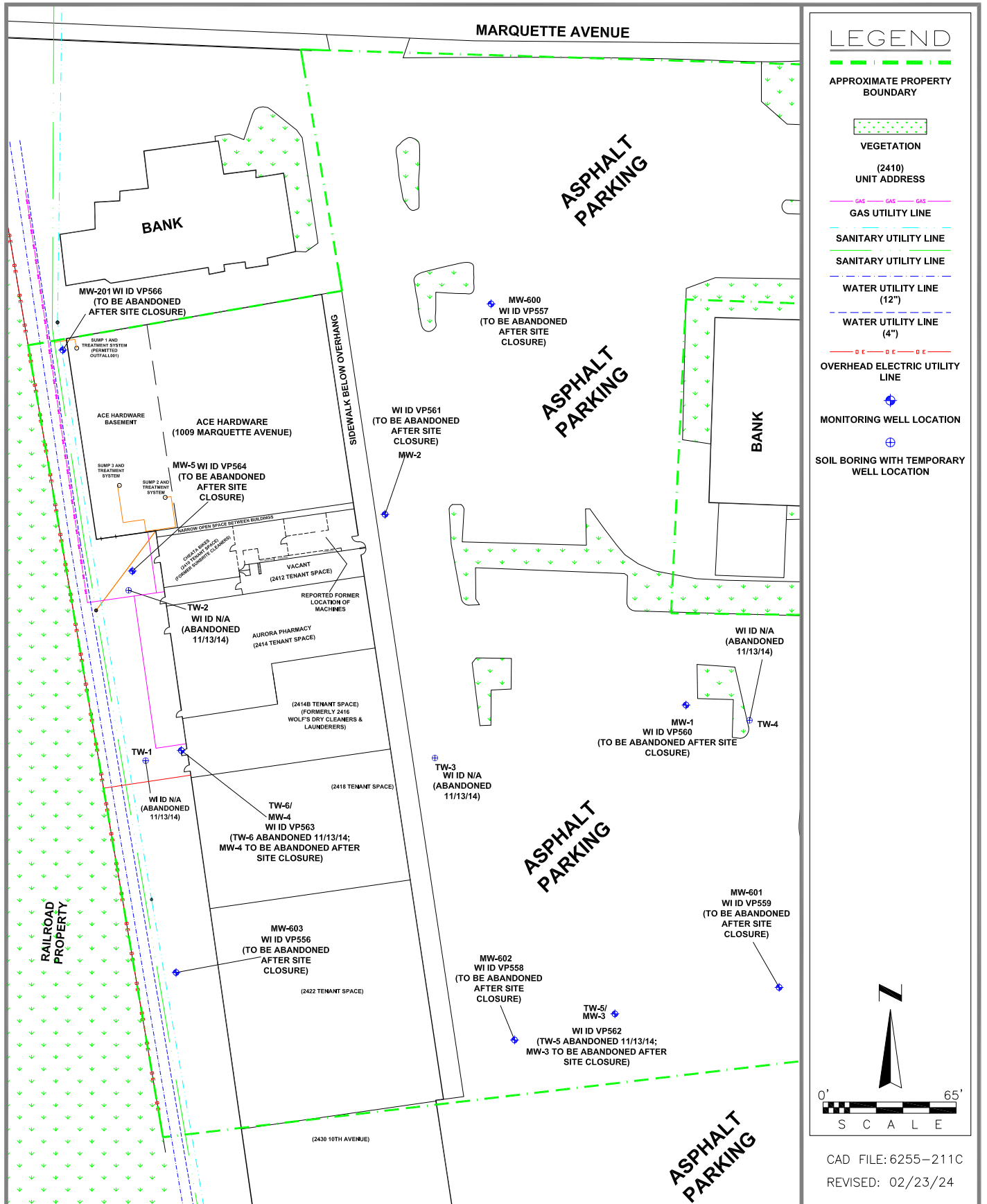
0' 65'  
SCALE

CAD FILE: 6255-225  
REVISED: 02/28/24

DAI  
ENVIRONMENTAL

SUNRISE SHOPPING CTR-FMR DRY CLEANER  
2410-2424 10TH AVENUE  
1009 MARQUETTE AVENUE  
SOUTH MILWAUKEE, WISCONSIN

FIGURE B.3.c.27  
GROUNDWATER FLOW DIRECTION  
(JANUARY 22, 2024)



**DAI**  
**ENVIRONMENTAL**

**SUNRISE SHOPPING CTR-FMR DRY CLEANER**  
2410-2424 10TH AVENUE  
1009 MARQUETTE AVENUE  
SOUTH MILWAUKEE, WISCONSIN

**FIGURE B.3.d**  
**MONITORING WELLS**

**APPENDIX C.1.E**  
**LABORATORY ANALYTICAL REPORT**  
**(FIRST QUARTER 2024)**



January 31, 2024

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

RE: Project: 6255 S. MILWAUKEE  
Pace Project No.: 40273557

Dear Chris Cailles:

Enclosed are the analytical results for sample(s) received by the laboratory on January 26, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

A handwritten signature in black ink, appearing to read "S. Mleczko".

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

Enclosures

cc: Jenny Rovzar, DAI



## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.



## CERTIFICATIONS

Project: 6255 S. MILWAUKEE

Pace Project No.: 40273557

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### **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

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 6255 S. MILWAUKEE  
Pace Project No.: 40273557

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| Lab ID      | Sample ID | Matrix | Date Collected | Date Received  |
|-------------|-----------|--------|----------------|----------------|
| 40273557001 | MW-5      | Water  | 01/22/24 13:00 | 01/26/24 08:05 |

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### SAMPLE ANALYTE COUNT

Project: 6255 S. MILWAUKEE  
Pace Project No.: 40273557

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| Lab ID      | Sample ID | Method   | Analysts | Analytes Reported |
|-------------|-----------|----------|----------|-------------------|
| 40273557001 | MW-5      | EPA 8260 | EIB      | 64                |

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PASI-G = Pace Analytical Services - Green Bay

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### SUMMARY OF DETECTION

Project: 6255 S. MILWAUKEE

Pace Project No.: 40273557

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| Lab Sample ID<br>Method | Client Sample ID<br>Parameters | Result | Units | Report Limit | Analyzed       | Qualifiers |
|-------------------------|--------------------------------|--------|-------|--------------|----------------|------------|
| <b>40273557001</b>      | <b>MW-5</b>                    |        |       |              |                |            |
| EPA 8260                | Tetrachloroethene              | 0.012  | mg/L  | 0.0010       | 01/29/24 15:40 |            |

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 6255 S. MILWAUKEE

Pace Project No.: 40273557

Sample: MW-5 Lab ID: 40273557001 Collected: 01/22/24 13:00 Received: 01/26/24 08:05 Matrix: Water

| Parameters                           | Results  | Units | LOQ    | LOD     | DF | Prepared | Analyzed       | CAS No.    | Qual |
|--------------------------------------|----------|-------|--------|---------|----|----------|----------------|------------|------|
| <b>8260 MSV</b>                      |          |       |        |         |    |          |                |            |      |
| Analytical Method: EPA 8260          |          |       |        |         |    |          |                |            |      |
| Pace Analytical Services - Green Bay |          |       |        |         |    |          |                |            |      |
| Benzene                              | <0.00030 | mg/L  | 0.0010 | 0.00030 | 1  |          | 01/29/24 15:40 | 71-43-2    |      |
| Bromobenzene                         | <0.00036 | mg/L  | 0.0010 | 0.00036 | 1  |          | 01/29/24 15:40 | 108-86-1   |      |
| Bromochloromethane                   | <0.00036 | mg/L  | 0.0010 | 0.00036 | 1  |          | 01/29/24 15:40 | 74-97-5    |      |
| Bromodichloromethane                 | <0.00042 | mg/L  | 0.0010 | 0.00042 | 1  |          | 01/29/24 15:40 | 75-27-4    |      |
| Bromoform                            | <0.00043 | mg/L  | 0.0010 | 0.00043 | 1  |          | 01/29/24 15:40 | 75-25-2    |      |
| Bromomethane                         | <0.0012  | mg/L  | 0.0050 | 0.0012  | 1  |          | 01/29/24 15:40 | 74-83-9    |      |
| n-Butylbenzene                       | <0.00086 | mg/L  | 0.0010 | 0.00086 | 1  |          | 01/29/24 15:40 | 104-51-8   |      |
| sec-Butylbenzene                     | <0.00042 | mg/L  | 0.0010 | 0.00042 | 1  |          | 01/29/24 15:40 | 135-98-8   |      |
| tert-Butylbenzene                    | <0.00059 | mg/L  | 0.0010 | 0.00059 | 1  |          | 01/29/24 15:40 | 98-06-6    |      |
| Carbon tetrachloride                 | <0.00037 | mg/L  | 0.0010 | 0.00037 | 1  |          | 01/29/24 15:40 | 56-23-5    |      |
| Chlorobenzene                        | <0.00086 | mg/L  | 0.0010 | 0.00086 | 1  |          | 01/29/24 15:40 | 108-90-7   |      |
| Chloroethane                         | <0.0014  | mg/L  | 0.0050 | 0.0014  | 1  |          | 01/29/24 15:40 | 75-00-3    |      |
| Chloroform                           | <0.00050 | mg/L  | 0.0050 | 0.00050 | 1  |          | 01/29/24 15:40 | 67-66-3    |      |
| Chloromethane                        | <0.0016  | mg/L  | 0.0050 | 0.0016  | 1  |          | 01/29/24 15:40 | 74-87-3    |      |
| 2-Chlorotoluene                      | <0.00089 | mg/L  | 0.0050 | 0.00089 | 1  |          | 01/29/24 15:40 | 95-49-8    |      |
| 4-Chlorotoluene                      | <0.00089 | mg/L  | 0.0050 | 0.00089 | 1  |          | 01/29/24 15:40 | 106-43-4   |      |
| 1,2-Dibromo-3-chloropropane          | <0.0024  | mg/L  | 0.0050 | 0.0024  | 1  |          | 01/29/24 15:40 | 96-12-8    |      |
| Dibromochloromethane                 | <0.0026  | mg/L  | 0.0050 | 0.0026  | 1  |          | 01/29/24 15:40 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)              | <0.00031 | mg/L  | 0.0010 | 0.00031 | 1  |          | 01/29/24 15:40 | 106-93-4   |      |
| Dibromomethane                       | <0.00099 | mg/L  | 0.0050 | 0.00099 | 1  |          | 01/29/24 15:40 | 74-95-3    |      |
| 1,2-Dichlorobenzene                  | <0.00033 | mg/L  | 0.0010 | 0.00033 | 1  |          | 01/29/24 15:40 | 95-50-1    |      |
| 1,3-Dichlorobenzene                  | <0.00035 | mg/L  | 0.0010 | 0.00035 | 1  |          | 01/29/24 15:40 | 541-73-1   |      |
| 1,4-Dichlorobenzene                  | <0.00089 | mg/L  | 0.0010 | 0.00089 | 1  |          | 01/29/24 15:40 | 106-46-7   |      |
| Dichlorodifluoromethane              | <0.00046 | mg/L  | 0.0050 | 0.00046 | 1  |          | 01/29/24 15:40 | 75-71-8    |      |
| 1,1-Dichloroethane                   | <0.00030 | mg/L  | 0.0010 | 0.00030 | 1  |          | 01/29/24 15:40 | 75-34-3    |      |
| 1,2-Dichloroethane                   | <0.00029 | mg/L  | 0.0010 | 0.00029 | 1  |          | 01/29/24 15:40 | 107-06-2   |      |
| 1,1-Dichloroethene                   | <0.00058 | mg/L  | 0.0010 | 0.00058 | 1  |          | 01/29/24 15:40 | 75-35-4    |      |
| cis-1,2-Dichloroethene               | <0.00047 | mg/L  | 0.0010 | 0.00047 | 1  |          | 01/29/24 15:40 | 156-59-2   |      |
| trans-1,2-Dichloroethene             | <0.00053 | mg/L  | 0.0010 | 0.00053 | 1  |          | 01/29/24 15:40 | 156-60-5   |      |
| 1,2-Dichloropropane                  | <0.00045 | mg/L  | 0.0010 | 0.00045 | 1  |          | 01/29/24 15:40 | 78-87-5    |      |
| 1,3-Dichloropropane                  | <0.00030 | mg/L  | 0.0010 | 0.00030 | 1  |          | 01/29/24 15:40 | 142-28-9   |      |
| 2,2-Dichloropropane                  | <0.00042 | mg/L  | 0.0010 | 0.00042 | 1  |          | 01/29/24 15:40 | 594-20-7   |      |
| 1,1-Dichloropropene                  | <0.00041 | mg/L  | 0.0010 | 0.00041 | 1  |          | 01/29/24 15:40 | 563-58-6   |      |
| cis-1,3-Dichloropropene              | <0.00024 | mg/L  | 0.0010 | 0.00024 | 1  |          | 01/29/24 15:40 | 10061-01-5 |      |
| trans-1,3-Dichloropropene            | <0.00027 | mg/L  | 0.0010 | 0.00027 | 1  |          | 01/29/24 15:40 | 10061-02-6 |      |
| Diisopropyl ether                    | <0.0011  | mg/L  | 0.0050 | 0.0011  | 1  |          | 01/29/24 15:40 | 108-20-3   |      |
| Ethylbenzene                         | <0.00033 | mg/L  | 0.0010 | 0.00033 | 1  |          | 01/29/24 15:40 | 100-41-4   |      |
| Hexachloro-1,3-butadiene             | <0.0027  | mg/L  | 0.0050 | 0.0027  | 1  |          | 01/29/24 15:40 | 87-68-3    |      |
| Isopropylbenzene (Cumene)            | <0.0010  | mg/L  | 0.0050 | 0.0010  | 1  |          | 01/29/24 15:40 | 98-82-8    |      |
| p-Isopropyltoluene                   | <0.0010  | mg/L  | 0.0050 | 0.0010  | 1  |          | 01/29/24 15:40 | 99-87-6    |      |
| Methylene Chloride                   | <0.00032 | mg/L  | 0.0050 | 0.00032 | 1  |          | 01/29/24 15:40 | 75-09-2    |      |
| Methyl-tert-butyl ether              | <0.0011  | mg/L  | 0.0050 | 0.0011  | 1  |          | 01/29/24 15:40 | 1634-04-4  |      |
| Naphthalene                          | <0.0019  | mg/L  | 0.0050 | 0.0019  | 1  |          | 01/29/24 15:40 | 91-20-3    |      |
| n-Propylbenzene                      | <0.00035 | mg/L  | 0.0010 | 0.00035 | 1  |          | 01/29/24 15:40 | 103-65-1   |      |
| Styrene                              | <0.00036 | mg/L  | 0.0010 | 0.00036 | 1  |          | 01/29/24 15:40 | 100-42-5   |      |

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 6255 S. MILWAUKEE

Pace Project No.: 40273557

Sample: MW-5 Lab ID: 40273557001 Collected: 01/22/24 13:00 Received: 01/26/24 08:05 Matrix: Water

| Parameters                           | Results  | Units | LOQ    | LOD     | DF | Prepared | Analyzed       | CAS No.     | Qual |
|--------------------------------------|----------|-------|--------|---------|----|----------|----------------|-------------|------|
| <b>8260 MSV</b>                      |          |       |        |         |    |          |                |             |      |
| Analytical Method: EPA 8260          |          |       |        |         |    |          |                |             |      |
| Pace Analytical Services - Green Bay |          |       |        |         |    |          |                |             |      |
| 1,1,1,2-Tetrachloroethane            | <0.00036 | mg/L  | 0.0010 | 0.00036 | 1  |          | 01/29/24 15:40 | 630-20-6    |      |
| 1,1,1,2-Tetrachloroethane            | <0.00038 | mg/L  | 0.0010 | 0.00038 | 1  |          | 01/29/24 15:40 | 79-34-5     |      |
| Tetrachloroethene                    | 0.012    | mg/L  | 0.0010 | 0.00041 | 1  |          | 01/29/24 15:40 | 127-18-4    |      |
| Toluene                              | <0.00029 | mg/L  | 0.0010 | 0.00029 | 1  |          | 01/29/24 15:40 | 108-88-3    |      |
| 1,2,3-Trichlorobenzene               | <0.0010  | mg/L  | 0.0050 | 0.0010  | 1  |          | 01/29/24 15:40 | 87-61-6     |      |
| 1,2,4-Trichlorobenzene               | <0.00095 | mg/L  | 0.0050 | 0.00095 | 1  |          | 01/29/24 15:40 | 120-82-1    |      |
| 1,1,1-Trichloroethane                | <0.00030 | mg/L  | 0.0010 | 0.00030 | 1  |          | 01/29/24 15:40 | 71-55-6     |      |
| 1,1,2-Trichloroethane                | <0.00034 | mg/L  | 0.0010 | 0.00034 | 1  |          | 01/29/24 15:40 | 79-00-5     |      |
| Trichloroethene                      | <0.00032 | mg/L  | 0.0010 | 0.00032 | 1  |          | 01/29/24 15:40 | 79-01-6     |      |
| Trichlorofluoromethane               | <0.00042 | mg/L  | 0.0010 | 0.00042 | 1  |          | 01/29/24 15:40 | 75-69-4     |      |
| 1,2,3-Trichloropropane               | <0.00056 | mg/L  | 0.0010 | 0.00056 | 1  |          | 01/29/24 15:40 | 96-18-4     |      |
| 1,2,4-Trimethylbenzene               | <0.00045 | mg/L  | 0.0010 | 0.00045 | 1  |          | 01/29/24 15:40 | 95-63-6     |      |
| 1,3,5-Trimethylbenzene               | <0.00036 | mg/L  | 0.0010 | 0.00036 | 1  |          | 01/29/24 15:40 | 108-67-8    |      |
| Vinyl chloride                       | <0.00017 | mg/L  | 0.0010 | 0.00017 | 1  |          | 01/29/24 15:40 | 75-01-4     |      |
| m&p-Xylene                           | <0.00070 | mg/L  | 0.0020 | 0.00070 | 1  |          | 01/29/24 15:40 | 179601-23-1 |      |
| o-Xylene                             | <0.00035 | mg/L  | 0.0010 | 0.00035 | 1  |          | 01/29/24 15:40 | 95-47-6     |      |
| <b>Surrogates</b>                    |          |       |        |         |    |          |                |             |      |
| 4-Bromofluorobenzene (S)             | 99       | %     | 70-130 |         | 1  |          | 01/29/24 15:40 | 460-00-4    |      |
| 1,2-Dichlorobenzene-d4 (S)           | 105      | %     | 70-130 |         | 1  |          | 01/29/24 15:40 | 2199-69-1   |      |
| Toluene-d8 (S)                       | 104      | %     | 70-130 |         | 1  |          | 01/29/24 15:40 | 2037-26-5   |      |

### REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 6255 S. MILWAUKEE

Pace Project No.: 40273557

QC Batch: 465799

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40273557001

METHOD BLANK: 2670554

Matrix: Water

Associated Lab Samples: 40273557001

| Parameter                   | Units | Blank Result | Reporting Limit | Analyzed       | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane   | mg/L  | <0.00036     | 0.0010          | 01/29/24 10:30 |            |
| 1,1,1-Trichloroethane       | mg/L  | <0.00030     | 0.0010          | 01/29/24 10:30 |            |
| 1,1,2,2-Tetrachloroethane   | mg/L  | <0.00038     | 0.0010          | 01/29/24 10:30 |            |
| 1,1,2-Trichloroethane       | mg/L  | <0.00034     | 0.0010          | 01/29/24 10:30 |            |
| 1,1-Dichloroethane          | mg/L  | <0.00030     | 0.0010          | 01/29/24 10:30 |            |
| 1,1-Dichloroethene          | mg/L  | <0.00058     | 0.0010          | 01/29/24 10:30 |            |
| 1,1-Dichloropropene         | mg/L  | <0.00041     | 0.0010          | 01/29/24 10:30 |            |
| 1,2,3-Trichlorobenzene      | mg/L  | <0.0010      | 0.0050          | 01/29/24 10:30 |            |
| 1,2,3-Trichloropropane      | mg/L  | <0.00056     | 0.0010          | 01/29/24 10:30 |            |
| 1,2,4-Trichlorobenzene      | mg/L  | <0.00095     | 0.0050          | 01/29/24 10:30 |            |
| 1,2,4-Trimethylbenzene      | mg/L  | <0.00045     | 0.0010          | 01/29/24 10:30 |            |
| 1,2-Dibromo-3-chloropropane | mg/L  | <0.0024      | 0.0050          | 01/29/24 10:30 |            |
| 1,2-Dibromoethane (EDB)     | mg/L  | <0.00031     | 0.0010          | 01/29/24 10:30 |            |
| 1,2-Dichlorobenzene         | mg/L  | <0.00033     | 0.0010          | 01/29/24 10:30 |            |
| 1,2-Dichloroethane          | mg/L  | <0.00029     | 0.0010          | 01/29/24 10:30 |            |
| 1,2-Dichloropropane         | mg/L  | <0.00045     | 0.0010          | 01/29/24 10:30 |            |
| 1,3,5-Trimethylbenzene      | mg/L  | <0.00036     | 0.0010          | 01/29/24 10:30 |            |
| 1,3-Dichlorobenzene         | mg/L  | <0.00035     | 0.0010          | 01/29/24 10:30 |            |
| 1,3-Dichloropropane         | mg/L  | <0.00030     | 0.0010          | 01/29/24 10:30 |            |
| 1,4-Dichlorobenzene         | mg/L  | <0.00089     | 0.0010          | 01/29/24 10:30 |            |
| 2,2-Dichloropropane         | mg/L  | <0.00042     | 0.0010          | 01/29/24 10:30 |            |
| 2-Chlorotoluene             | mg/L  | <0.00089     | 0.0050          | 01/29/24 10:30 |            |
| 4-Chlorotoluene             | mg/L  | <0.00089     | 0.0050          | 01/29/24 10:30 |            |
| Benzene                     | mg/L  | <0.00030     | 0.0010          | 01/29/24 10:30 |            |
| Bromobenzene                | mg/L  | <0.00036     | 0.0010          | 01/29/24 10:30 |            |
| Bromochloromethane          | mg/L  | <0.00036     | 0.0010          | 01/29/24 10:30 |            |
| Bromodichloromethane        | mg/L  | <0.00042     | 0.0010          | 01/29/24 10:30 |            |
| Bromoform                   | mg/L  | <0.00043     | 0.0010          | 01/29/24 10:30 |            |
| Bromomethane                | mg/L  | <0.0012      | 0.0050          | 01/29/24 10:30 |            |
| Carbon tetrachloride        | mg/L  | <0.00037     | 0.0010          | 01/29/24 10:30 |            |
| Chlorobenzene               | mg/L  | <0.00086     | 0.0010          | 01/29/24 10:30 |            |
| Chloroethane                | mg/L  | <0.0014      | 0.0050          | 01/29/24 10:30 |            |
| Chloroform                  | mg/L  | <0.00050     | 0.0050          | 01/29/24 10:30 |            |
| Chloromethane               | mg/L  | <0.0016      | 0.0050          | 01/29/24 10:30 |            |
| cis-1,2-Dichloroethene      | mg/L  | <0.00047     | 0.0010          | 01/29/24 10:30 |            |
| cis-1,3-Dichloropropene     | mg/L  | <0.00024     | 0.0010          | 01/29/24 10:30 |            |
| Dibromochloromethane        | mg/L  | <0.0026      | 0.0050          | 01/29/24 10:30 |            |
| Dibromomethane              | mg/L  | <0.00099     | 0.0050          | 01/29/24 10:30 |            |
| Dichlorodifluoromethane     | mg/L  | <0.00046     | 0.0050          | 01/29/24 10:30 |            |
| Diisopropyl ether           | mg/L  | <0.0011      | 0.0050          | 01/29/24 10:30 |            |

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.

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**QUALITY CONTROL DATA**

Project: 6255 S. MILWAUKEE

Pace Project No.: 40273557

METHOD BLANK: 2670554

Matrix: Water

Associated Lab Samples: 40273557001

| Parameter                  | Units | Blank Result | Reporting Limit | Analyzed       | Qualifiers |
|----------------------------|-------|--------------|-----------------|----------------|------------|
| Ethylbenzene               | mg/L  | <0.00033     | 0.0010          | 01/29/24 10:30 |            |
| Hexachloro-1,3-butadiene   | mg/L  | <0.0027      | 0.0050          | 01/29/24 10:30 |            |
| Isopropylbenzene (Cumene)  | mg/L  | <0.0010      | 0.0050          | 01/29/24 10:30 |            |
| m&p-Xylene                 | mg/L  | <0.00070     | 0.0020          | 01/29/24 10:30 |            |
| Methyl-tert-butyl ether    | mg/L  | <0.0011      | 0.0050          | 01/29/24 10:30 |            |
| Methylene Chloride         | mg/L  | <0.00032     | 0.0050          | 01/29/24 10:30 |            |
| n-Butylbenzene             | mg/L  | <0.00086     | 0.0010          | 01/29/24 10:30 |            |
| n-Propylbenzene            | mg/L  | <0.00035     | 0.0010          | 01/29/24 10:30 |            |
| Naphthalene                | mg/L  | <0.0019      | 0.0050          | 01/29/24 10:30 |            |
| o-Xylene                   | mg/L  | <0.00035     | 0.0010          | 01/29/24 10:30 |            |
| p-Isopropyltoluene         | mg/L  | <0.0010      | 0.0050          | 01/29/24 10:30 |            |
| sec-Butylbenzene           | mg/L  | <0.00042     | 0.0010          | 01/29/24 10:30 |            |
| Styrene                    | mg/L  | <0.00036     | 0.0010          | 01/29/24 10:30 |            |
| tert-Butylbenzene          | mg/L  | <0.00059     | 0.0010          | 01/29/24 10:30 |            |
| Tetrachloroethene          | mg/L  | <0.00041     | 0.0010          | 01/29/24 10:30 |            |
| Toluene                    | mg/L  | <0.00029     | 0.0010          | 01/29/24 10:30 |            |
| trans-1,2-Dichloroethene   | mg/L  | <0.00053     | 0.0010          | 01/29/24 10:30 |            |
| trans-1,3-Dichloropropene  | mg/L  | <0.00027     | 0.0010          | 01/29/24 10:30 |            |
| Trichloroethene            | mg/L  | <0.00032     | 0.0010          | 01/29/24 10:30 |            |
| Trichlorofluoromethane     | mg/L  | <0.00042     | 0.0010          | 01/29/24 10:30 |            |
| Vinyl chloride             | mg/L  | <0.00017     | 0.0010          | 01/29/24 10:30 |            |
| 1,2-Dichlorobenzene-d4 (S) | %     | 102          | 70-130          | 01/29/24 10:30 |            |
| 4-Bromofluorobenzene (S)   | %     | 100          | 70-130          | 01/29/24 10:30 |            |
| Toluene-d8 (S)             | %     | 104          | 70-130          | 01/29/24 10:30 |            |

LABORATORY CONTROL SAMPLE: 2670555

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1-Trichloroethane       | mg/L  | 0.05        | 0.057      | 114       | 70-132       |            |
| 1,1,2,2-Tetrachloroethane   | mg/L  | 0.05        | 0.056      | 111       | 70-130       |            |
| 1,1,2-Trichloroethane       | mg/L  | 0.05        | 0.055      | 111       | 70-130       |            |
| 1,1-Dichloroethane          | mg/L  | 0.05        | 0.054      | 107       | 70-130       |            |
| 1,1-Dichloroethene          | mg/L  | 0.05        | 0.057      | 115       | 73-140       |            |
| 1,2,4-Trichlorobenzene      | mg/L  | 0.05        | 0.050      | 100       | 70-130       |            |
| 1,2-Dibromo-3-chloropropane | mg/L  | 0.05        | 0.054      | 109       | 58-130       |            |
| 1,2-Dibromoethane (EDB)     | mg/L  | 0.05        | 0.056      | 113       | 70-130       |            |
| 1,2-Dichlorobenzene         | mg/L  | 0.05        | 0.052      | 103       | 70-130       |            |
| 1,2-Dichloroethane          | mg/L  | 0.05        | 0.055      | 110       | 70-130       |            |
| 1,2-Dichloropropane         | mg/L  | 0.05        | 0.053      | 106       | 77-127       |            |
| 1,3-Dichlorobenzene         | mg/L  | 0.05        | 0.055      | 110       | 70-130       |            |
| 1,4-Dichlorobenzene         | mg/L  | 0.05        | 0.052      | 105       | 70-130       |            |
| Benzene                     | mg/L  | 0.05        | 0.053      | 107       | 70-130       |            |
| Bromodichloromethane        | mg/L  | 0.05        | 0.057      | 115       | 70-130       |            |
| Bromoform                   | mg/L  | 0.05        | 0.055      | 111       | 70-130       |            |

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**QUALITY CONTROL DATA**

Project: 6255 S. MILWAUKEE

Pace Project No.: 40273557

LABORATORY CONTROL SAMPLE: 2670555

| Parameter                  | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------------|-------|-------------|------------|-----------|--------------|------------|
| Bromomethane               | mg/L  | 0.05        | 0.037      | 75        | 22-141       |            |
| Carbon tetrachloride       | mg/L  | 0.05        | 0.057      | 115       | 70-135       |            |
| Chlorobenzene              | mg/L  | 0.05        | 0.054      | 108       | 70-130       |            |
| Chloroethane               | mg/L  | 0.05        | 0.055      | 111       | 59-141       |            |
| Chloroform                 | mg/L  | 0.05        | 0.056      | 113       | 80-124       |            |
| Chloromethane              | mg/L  | 0.05        | 0.048      | 96        | 29-150       |            |
| cis-1,2-Dichloroethene     | mg/L  | 0.05        | 0.053      | 106       | 70-130       |            |
| cis-1,3-Dichloropropene    | mg/L  | 0.05        | 0.054      | 109       | 70-130       |            |
| Dibromochloromethane       | mg/L  | 0.05        | 0.056      | 112       | 70-130       |            |
| Dichlorodifluoromethane    | mg/L  | 0.05        | 0.050      | 100       | 10-147       |            |
| Ethylbenzene               | mg/L  | 0.05        | 0.056      | 112       | 80-125       |            |
| Isopropylbenzene (Cumene)  | mg/L  | 0.05        | 0.056      | 112       | 70-130       |            |
| m&p-Xylene                 | mg/L  | 0.1         | 0.11       | 110       | 70-130       |            |
| Methyl-tert-butyl ether    | mg/L  | 0.05        | 0.063      | 126       | 64-131       |            |
| Methylene Chloride         | mg/L  | 0.05        | 0.059      | 117       | 70-137       |            |
| o-Xylene                   | mg/L  | 0.05        | 0.056      | 112       | 70-130       |            |
| Styrene                    | mg/L  | 0.05        | 0.056      | 111       | 70-130       |            |
| Tetrachloroethene          | mg/L  | 0.05        | 0.053      | 106       | 70-130       |            |
| Toluene                    | mg/L  | 0.05        | 0.054      | 108       | 80-120       |            |
| trans-1,2-Dichloroethene   | mg/L  | 0.05        | 0.057      | 115       | 70-131       |            |
| trans-1,3-Dichloropropene  | mg/L  | 0.05        | 0.055      | 109       | 70-130       |            |
| Trichloroethene            | mg/L  | 0.05        | 0.054      | 107       | 70-130       |            |
| Trichlorofluoromethane     | mg/L  | 0.05        | 0.056      | 113       | 69-141       |            |
| Vinyl chloride             | mg/L  | 0.05        | 0.050      | 100       | 51-145       |            |
| 1,2-Dichlorobenzene-d4 (S) | %     |             |            | 97        | 70-130       |            |
| 4-Bromofluorobenzene (S)   | %     |             |            | 99        | 70-130       |            |
| Toluene-d8 (S)             | %     |             |            | 104       | 70-130       |            |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2670621 2670622

| Parameter                   | Units | MS                 |             | MSD         |       | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------------------------|-------|--------------------|-------------|-------------|-------|-----------|------------|----------|-----------|--------------|-----|---------|------|
|                             |       | 40273610001 Result | Spike Conc. | Spike Conc. | Conc. |           |            |          |           |              |     |         |      |
| 1,1,1-Trichloroethane       | mg/L  | <0.30 ug/L         | 0.05        | 0.05        | 0.054 | 0.054     | 108        | 109      | 70-132    | 1            | 20  |         |      |
| 1,1,2,2-Tetrachloroethane   | mg/L  | <0.38 ug/L         | 0.05        | 0.05        | 0.051 | 0.051     | 101        | 103      | 70-131    | 2            | 20  |         |      |
| 1,1,2-Trichloroethane       | mg/L  | <0.34 ug/L         | 0.05        | 0.05        | 0.049 | 0.052     | 99         | 104      | 70-130    | 5            | 20  |         |      |
| 1,1-Dichloroethane          | mg/L  | <0.30 ug/L         | 0.05        | 0.05        | 0.052 | 0.053     | 105        | 106      | 70-131    | 1            | 20  |         |      |
| 1,1-Dichloroethene          | mg/L  | <0.58 ug/L         | 0.05        | 0.05        | 0.055 | 0.055     | 110        | 111      | 69-146    | 1            | 20  |         |      |
| 1,2,4-Trichlorobenzene      | mg/L  | <0.95 ug/L         | 0.05        | 0.05        | 0.048 | 0.050     | 96         | 99       | 70-130    | 3            | 20  |         |      |
| 1,2-Dibromo-3-chloropropane | mg/L  | <2.4 ug/L          | 0.05        | 0.05        | 0.050 | 0.052     | 101        | 104      | 56-130    | 3            | 20  |         |      |
| 1,2-Dibromoethane (EDB)     | mg/L  | <0.31 ug/L         | 0.05        | 0.05        | 0.051 | 0.053     | 101        | 105      | 70-130    | 4            | 20  |         |      |
| 1,2-Dichlorobenzene         | mg/L  | <0.33 ug/L         | 0.05        | 0.05        | 0.051 | 0.051     | 101        | 103      | 70-130    | 1            | 20  |         |      |
| 1,2-Dichloroethane          | mg/L  | <0.29 ug/L         | 0.05        | 0.05        | 0.051 | 0.051     | 102        | 102      | 70-130    | 0            | 20  |         |      |
| 1,2-Dichloropropane         | mg/L  | <0.45 ug/L         | 0.05        | 0.05        | 0.053 | 0.053     | 106        | 106      | 77-129    | 0            | 20  |         |      |
| 1,3-Dichlorobenzene         | mg/L  | <0.35 ug/L         | 0.05        | 0.05        | 0.053 | 0.055     | 107        | 110      | 70-130    | 3            | 20  |         |      |

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**QUALITY CONTROL DATA**

Project: 6255 S. MILWAUKEE

Pace Project No.: 40273557

| Parameter                    | Units | MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2670621 |                      | 2670622               |              | MS<br>Result | MSD<br>Result | MS<br>% Rec | MSD<br>% Rec | % Rec<br>Limits | Max<br>RPD | RPD | Qual |
|------------------------------|-------|--|----------------------|-----------------------|--------------|--------------|---------------|-------------|--------------|-----------------|------------|-----|------|
|                              |       | 40273610001<br>Result                          | MS<br>Spike<br>Conc. | MSD<br>Spike<br>Conc. | MS<br>Result |              |               |             |              |                 |            |     |      |
| 1,4-Dichlorobenzene          | mg/L  | <0.89 ug/L                                     | 0.05                 | 0.05                  | 0.050        | 0.052        | 101           | 103         | 70-130       | 2               | 20         |     |      |
| Benzene                      | mg/L  | <0.30 ug/L                                     | 0.05                 | 0.05                  | 0.052        | 0.052        | 104           | 105         | 70-130       | 1               | 20         |     |      |
| Bromodichloromethane         | mg/L  | <0.42 ug/L                                     | 0.05                 | 0.05                  | 0.055        | 0.055        | 110           | 109         | 70-130       | 0               | 20         |     |      |
| Bromoform                    | mg/L  | <0.43 ug/L                                     | 0.05                 | 0.05                  | 0.049        | 0.051        | 98            | 102         | 70-130       | 4               | 20         |     |      |
| Bromomethane                 | mg/L  | <1.2 ug/L                                      | 0.05                 | 0.05                  | 0.043        | 0.045        | 85            | 91          | 12-159       | 6               | 26         |     |      |
| Carbon tetrachloride         | mg/L  | <0.37 ug/L                                     | 0.05                 | 0.05                  | 0.055        | 0.055        | 110           | 110         | 70-135       | 1               | 20         |     |      |
| Chlorobenzene                | mg/L  | <0.86 ug/L                                     | 0.05                 | 0.05                  | 0.051        | 0.052        | 102           | 105         | 70-130       | 3               | 20         |     |      |
| Chloroethane                 | mg/L  | <1.4 ug/L                                      | 0.05                 | 0.05                  | 0.055        | 0.053        | 111           | 106         | 56-143       | 4               | 20         |     |      |
| Chloroform                   | mg/L  | <0.50 ug/L                                     | 0.05                 | 0.05                  | 0.055        | 0.055        | 109           | 111         | 80-126       | 1               | 20         |     |      |
| Chloromethane                | mg/L  | <1.6 ug/L                                      | 0.05                 | 0.05                  | 0.048        | 0.047        | 95            | 94          | 22-156       | 1               | 20         |     |      |
| cis-1,2-Dichloroethene       | mg/L  | <0.47 ug/L                                     | 0.05                 | 0.05                  | 0.053        | 0.052        | 105           | 104         | 70-130       | 1               | 20         |     |      |
| cis-1,3-Dichloropropene      | mg/L  | <0.24 ug/L                                     | 0.05                 | 0.05                  | 0.052        | 0.053        | 103           | 107         | 70-130       | 4               | 20         |     |      |
| Dibromochloromethane         | mg/L  | <2.6 ug/L                                      | 0.05                 | 0.05                  | 0.052        | 0.052        | 104           | 104         | 70-130       | 0               | 20         |     |      |
| Dichlorodifluoromethane      | mg/L  | <0.46 ug/L                                     | 0.05                 | 0.05                  | 0.047        | 0.047        | 93            | 94          | 10-147       | 0               | 20         |     |      |
| Ethylbenzene                 | mg/L  | <0.33 ug/L                                     | 0.05                 | 0.05                  | 0.053        | 0.055        | 107           | 109         | 80-126       | 2               | 20         |     |      |
| Isopropylbenzene<br>(Cumene) | mg/L  | <1.0 ug/L                                      | 0.05                 | 0.05                  | 0.053        | 0.055        | 106           | 110         | 70-130       | 4               | 20         |     |      |
| m&p-Xylene                   | mg/L  | <0.70 ug/L                                     | 0.1                  | 0.1                   | 0.10         | 0.11         | 104           | 109         | 70-130       | 4               | 20         |     |      |
| Methyl-tert-butyl ether      | mg/L  | <1.1 ug/L                                      | 0.05                 | 0.05                  | 0.058        | 0.059        | 117           | 118         | 64-136       | 2               | 20         |     |      |
| Methylene Chloride           | mg/L  | <0.32 ug/L                                     | 0.05                 | 0.05                  | 0.059        | 0.059        | 118           | 118         | 70-137       | 0               | 20         |     |      |
| o-Xylene                     | mg/L  | <0.35 ug/L                                     | 0.05                 | 0.05                  | 0.054        | 0.056        | 107           | 111         | 70-130       | 4               | 20         |     |      |
| Styrene                      | mg/L  | <0.36 ug/L                                     | 0.05                 | 0.05                  | 0.054        | 0.056        | 109           | 112         | 70-133       | 3               | 20         |     |      |
| Tetrachloroethene            | mg/L  | <0.41 ug/L                                     | 0.05                 | 0.05                  | 0.051        | 0.053        | 101           | 105         | 70-131       | 3               | 20         |     |      |
| Toluene                      | mg/L  | <0.29 ug/L                                     | 0.05                 | 0.05                  | 0.050        | 0.052        | 101           | 104         | 80-121       | 3               | 20         |     |      |
| trans-1,2-Dichloroethene     | mg/L  | <0.53 ug/L                                     | 0.05                 | 0.05                  | 0.056        | 0.055        | 113           | 110         | 70-135       | 2               | 20         |     |      |
| trans-1,3-Dichloropropene    | mg/L  | <0.27 ug/L                                     | 0.05                 | 0.05                  | 0.051        | 0.052        | 102           | 103         | 70-130       | 2               | 20         |     |      |
| Trichloroethene              | mg/L  | 0.76J ug/L                                     | 0.05                 | 0.05                  | 0.052        | 0.053        | 102           | 105         | 70-130       | 2               | 20         |     |      |
| Trichlorofluoromethane       | mg/L  | <0.42 ug/L                                     | 0.05                 | 0.05                  | 0.055        | 0.055        | 109           | 110         | 67-142       | 0               | 20         |     |      |
| Vinyl chloride               | mg/L  | <0.17 ug/L                                     | 0.05                 | 0.05                  | 0.050        | 0.049        | 100           | 98          | 45-147       | 1               | 20         |     |      |
| 1,2-Dichlorobenzene-d4 (S)   | %     |  |                      |                       |              |              | 98            | 99          | 70-130       |                 |            |     |      |
| 4-Bromofluorobenzene (S)     | %     |  |                      |                       |              |              | 99            | 100         | 70-130       |                 |            |     |      |
| Toluene-d8 (S)               | %     |  |                      |                       |              |              | 101           | 104         | 70-130       |                 |            |     |      |

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## QUALIFIERS

Project: 6255 S. MILWAUKEE

Pace Project No.: 40273557

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 6255 S. MILWAUKEE  
Pace Project No.: 40273557

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| Lab ID      | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|-----------|-----------------|----------|-------------------|------------------|
| 40273557001 | MW-5      | EPA 8260        | 465799   |                   |                  |

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# CHAIN-OF-CUSTODY Analytical Request Document

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

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

402 73557

**ALL SHADED AREAS are for LAB USE ONLY**

Company: DAI Environmental  
 Address: 27834 N. Inman Ave. Lake Forest, IL 60045  
 Report To: Chris Cailles  
 Copy To:

Billing Information:  
 Email To: Cailles@daievu.com  
 Site Collection Info/Address:

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

Customer Project Name/Number: 6255 S. Milwaukee  
 State: WI County/City: Milwaukee Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET  
 Phone: 847-573-8906 Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No  
 Email: Collected By (print): Marcus Garschke 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:

| Analyses                            |  |  |  |  |  |  |  |  |  | Lab Profile/Line: |
|-------------------------------------|--|--|--|--|--|--|--|--|--|-------------------|
| Lab Sample Receipt Checklist:       |  |  |  |  |  |  |  |  |  |                   |
| Custody Seals Present/Intact Y N NA |  |  |  |  |  |  |  |  |  |                   |
| Custody Signatures Present Y N NA   |  |  |  |  |  |  |  |  |  |                   |
| Collector Signature Present Y N NA  |  |  |  |  |  |  |  |  |  |                   |
| Bottles Intact Y N NA               |  |  |  |  |  |  |  |  |  |                   |
| Correct Bottles Y N NA              |  |  |  |  |  |  |  |  |  |                   |
| Sufficient Volume Y N NA            |  |  |  |  |  |  |  |  |  |                   |
| Samples Received on Ice Y N NA      |  |  |  |  |  |  |  |  |  |                   |
| VOA - Headspace Acceptable Y N NA   |  |  |  |  |  |  |  |  |  |                   |
| USDA Regulated Soils Y N NA         |  |  |  |  |  |  |  |  |  |                   |
| Samples in Holding Time Y N NA      |  |  |  |  |  |  |  |  |  |                   |
| Residual Chlorine Present Y N NA    |  |  |  |  |  |  |  |  |  |                   |
| Cl Strips: Y N NA                   |  |  |  |  |  |  |  |  |  |                   |
| Sample pH Acceptable Y N NA         |  |  |  |  |  |  |  |  |  |                   |
| pH Strips: Y N NA                   |  |  |  |  |  |  |  |  |  |                   |
| Sulfide Present Y N NA              |  |  |  |  |  |  |  |  |  |                   |
| Lead Acetate Strips: Y N NA         |  |  |  |  |  |  |  |  |  |                   |
| LAB USE ONLY: ER 1/26/24            |  |  |  |  |  |  |  |  |  |                   |
| Lab Sample # / Comments:            |  |  |  |  |  |  |  |  |  |                   |

\* 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) |      | Composite End |      | Res CI | # of Ctns |
|--------------------|----------|-------------|--------------------------------|------|---------------|------|--------|-----------|
|                    |          |             | Date                           | Time | Date          | Time |        |           |
| M.W-5              | GW       | G           | 1/22/24                        | 1:00 |               |      |        | 3         |
|                    |          |             |                                |      |               |      |        |           |
|                    |          |             |                                |      |               |      |        |           |
|                    |          |             |                                |      |               |      |        |           |
|                    |          |             |                                |      |               |      |        |           |
|                    |          |             |                                |      |               |      |        |           |
|                    |          |             |                                |      |               |      |        |           |
|                    |          |             |                                |      |               |      |        |           |
|                    |          |             |                                |      |               |      |        |           |
|                    |          |             |                                |      |               |      |        |           |

|        |  |  |  |  |  |  |  |  |  |  |
|--------|--|--|--|--|--|--|--|--|--|--|
| X VOCs |  |  |  |  |  |  |  |  |  |  |
| 061    |  |  |  |  |  |  |  |  |  |  |

Customer Remarks / Special Conditions / Possible Hazards: Type of Ice Used:  Wet Blue Dry None  
 Packing Material Used: Bubble Wrap  
 Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y  N N/A  
 Lab Tracking #: 2896895  
 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) Mike De... Date/Time: 1/25/24 10:50 Received by/Company: (Signature) Mike De... Date/Time: 1/25/24 10:50  
 Relinquished by/Company: (Signature) Mike De... Date/Time: 1/25/24 5:00 Received by/Company: (Signature) CS LOGISTICS Date/Time: 1/25/24 8:00  
 Relinquished by/Company: (Signature) CS LOGISTICS Date/Time: 1/26/24 0805 Received by/Company: (Signature) E. J. Pace Date/Time: 1/26/24 0805

MTJL LAB USE ONLY  
 Table #:   
 Acctnum:   
 Template:   
 Prelogin:   
 PM:   
 PB:   
 Trip Blank Received: Y  N NA  
 HCL MeOH TSP Other  
 Non Conformance(s): Page 14 of 16  
 YES / NO of:   
 Comments:

Client Name: DAI

Sample Preservation Receipt Form

Project # 40213557

All containers needing preservation have been checked and noted below:  
 Lab Lot# of pH paper

Yes  No  N/A  
 Lab Std #ID of preservation (if pH adjusted)

Initial when completed:

Date/Time:

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

*Handwritten:* E 1/26/24

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

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

**Sample Condition Upon Receipt Form (SCUR)**

Project #:

Client Name: DAI Environmental

WO#: **40273557**



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 - 108 Type of Ice:  Wet  Blue  Dry  None  Meltwater Only

Cooler Temperature Uncorr: 1.0 /ICorr: 1.0

Temp Blank Present:  yes  no Biological Tissue is Frozen:  yes  no

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:

Date: 1/26/24 /Initials: Er

Labeled By Initials: SG

|  |                                       |
|--|---------------------------------------|
| Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A   | 1.                                    |
| Chain of Custody Filled Out: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A  | 2. <u>Pg #, Pres. Type Er 1/26/24</u> |
| Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  | 3.                                    |
| Sampler Name & Signature on COC: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A   | 4.                                    |
| Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  | 5.                                    |
| - DI VOA Samples frozen upon receipt <input type="checkbox"/> Yes <input type="checkbox"/> No  | Date/Time:                            |
| Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | 6.                                    |
| Rush Turn Around Time Requested: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   | 7.                                    |
| Sufficient Volume: <input type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 8.                                    |
| Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   | 9.                                    |
| Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace  |                                       |
| Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   | 10.                                   |
| Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A  | 11.                                   |
| Sample Labels match COC: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A   | 12.                                   |
| -Includes date/time/ID/Analysis Matrix: <u>W</u>   |                                       |
| Trip Blank Present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A   | 13.                                   |
| Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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 logir