



**Sent Electronically to jane.pfeiffer@wisconsin.gov and WDNR Portal**

Jane K Pfeiffer  
Hydrogeologist  
Wisconsin Department of Natural Resources  
2300 North Dr. Martin Luther King Jr Drive  
Milwaukee, WI 53212-3128

**SOIL AND GROUNDWATER RESULTS  
BETA-BECHER ACQUISITION CO, LLC HISTORIC FILL SITE  
147 EAST BECHER STREET ("site")  
MILWAUKEE, WISCONSIN  
BRRTS 02-41-594228**

Dear Ms. Pfeiffer:

May 10, 2024

Ramboll Americas Engineering Solutions, Inc. (Ramboll) received the soil and groundwater analytical results from collecting four soil and one groundwater sample on April 17 and 23, 2024, respectively. This transmittal follows the sample results notification required under Wisconsin Administrative Code Chapter NR 716.14(2). The laboratory analytical results are summarized in the attached **Tables**, the sample locations are illustrated in **Figure 1**, and the laboratory reports are provided in **Attachment A**. These results will be discussed in the forthcoming *NR 716 Site Investigation Work Plan (Oil-Sheens)*.

Ramboll  
234 West Florida St., 5th Floor  
Milwaukee, WI 53204  
USA

Phone: 414-837-3607  
Fax: 414-837-3608  
www.ramboll.com

A copy of this submittal was uploaded to the WDNR document portal. Please let us know if you have any questions.

Ref. 1690023383\_Conv

Yours sincerely,

**Maggie Sheckler**  
Senior Lead Consultant

D 262 901 3505  
[mshreckler@ramboll.com](mailto:mshreckler@ramboll.com)

**Richard Mazurkiewicz**  
Managing Consultant

D 262 901 3502  
[rmazurkiewicz@ramboll.com](mailto:rmazurkiewicz@ramboll.com)

c: Nick Orthmann, Bear Development, LLC

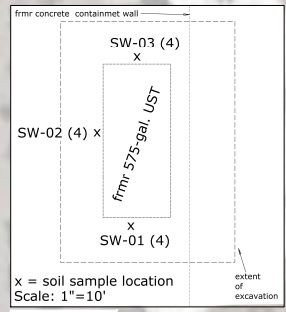
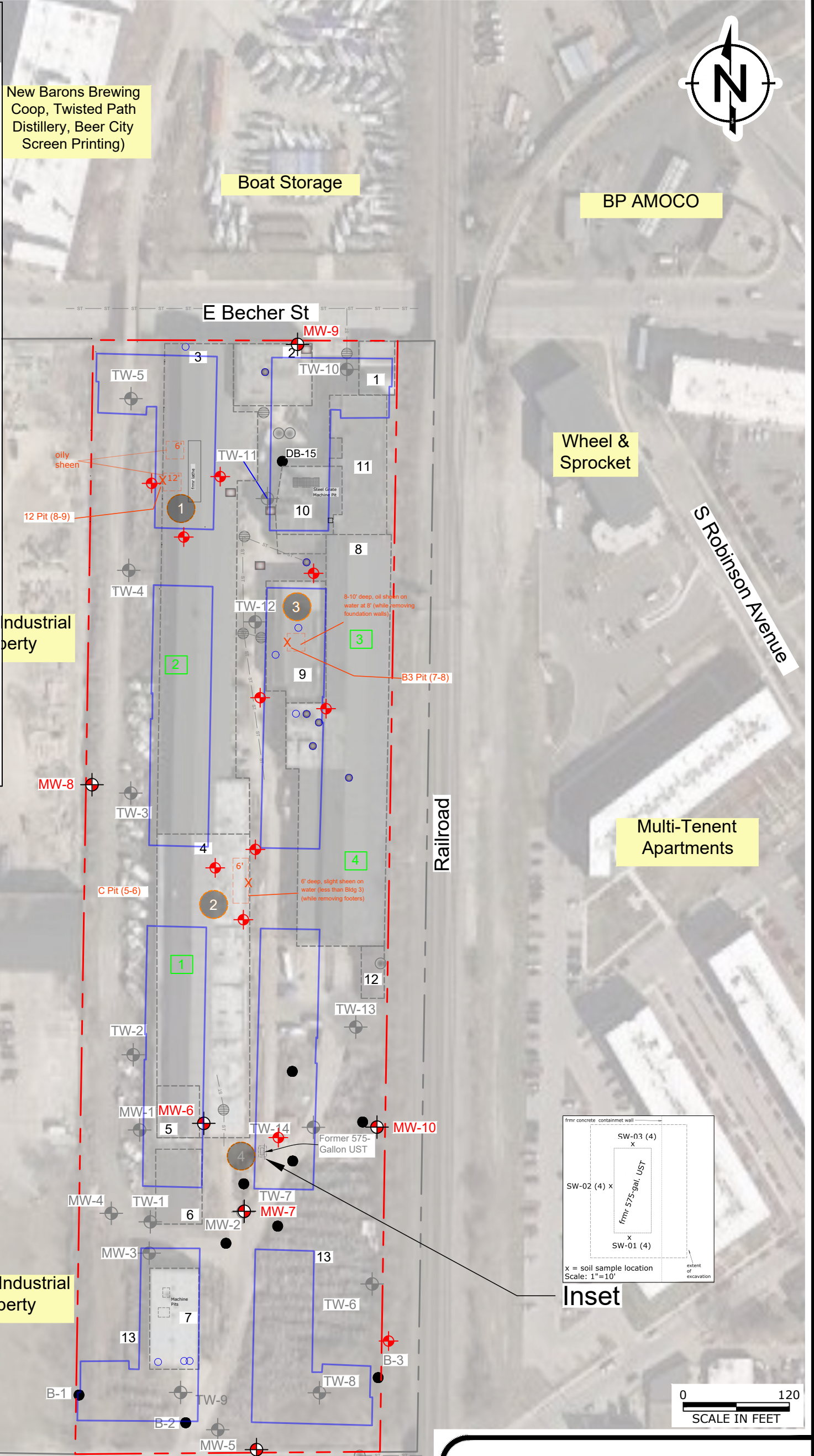
Attachments:

- Table 1 – VOCs in Soil
- Table 2 – PAHs in Soil
- Table 3 – RCRA Metals and PCBs in Soil
- Table 4 – VOCs, PAHs, RCRA Metals, and PCBs in Groundwater
- Figure 1 – Sample Location Map
- Attachment A – Laboratory Analytical Report

**Figure**

**LEGEND**

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



**SITE FEATURES:**

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

**OIL SHEEN LOCATIONS**

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

**FIGURE**  
1

DRAFTED BY: RPM
DATE: 05/10/2024
PROJECT: 1690023383

## Tables

**TABLE 1**  
**VOCs in Soil**  
 Filer Stowell Property  
 147 East Becher Street, Milwaukee, Wisconsin  
 Ramboll Project 1690023383

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

**TABLE 1**  
**VOCs in Soil**  
 Filer Stowell Property  
 147 East Becher Street, Milwaukee, Wisconsin  
 Ramboll Project 1690023383

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

**Notes:**

Soil volatile organic compound concentrations are reported in micrograms per kilogram (ug/kg).

Depth of soil in feet below ground surface indicated in parentheses in sample name.

Methylene Chloride was detected in sample TW-14 (4-5), Methylene Chloride is a common lab contaminant.

PID = Photoionization Detector.

TMB = Trimethylbenzene.

bold value = NR 720 RCL Exceedance.

1 - Direct Contact, defined as soils existing between 0 and 4 feet below ground surface.

NA = Analyte not analyzed.

NM = Not measured.

a Analyte exceeds WAC NR Ch. 720 Non Industrial Direct Contact pathway (December 2018).

b Analyte exceeds WAC NR Ch. 720 Industrial Direct Contact pathway (December 2018).

c Analyte exceeds WAC NR Ch. 720 groundwater protection pathway (December 2018).

d Value is for 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene (combined).

J = Laboratory flag indicating that the result reported is between the Method Detection Limit and Limit of Quantitation (an uncertain or estimated result).



**TABLE 3**  
**RCRA Metals PCBs in Soil**  
 Filer Stowell Property  
 147 East Becher Street, Milwaukee, Wisconsin  
 Ramboll Project 1690023383

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

**Notes:**

**Metal concentrations are reported in milligrams per kilogram (mg/kg).**

**PCB concentrations are reported in micrograms per kilogram (µg/kg).**

PCB = Polychlorinated Biphenyls

Depth of soil in feet below ground surface indicated in parentheses in sample name.

1 - Direct Contact, defined as soils existing between 0 and 4 feet below ground surface.

**Bold** = A value above the established NR 720 Background Threshold Value and Residual Contaminant Level.

a Analyte exceeds WAC NR Ch. 720 Non Industrial Direct Contact pathway (December 2018).

b Analyte exceeds WAC NR Ch. 720 Industrial Direct Contact pathway (December 2018).

c Analyte exceeds WAC NR Ch. 720 groundwater protection pathway (December 2018).

d Analyte exceeds WAC NR Ch. 720 background threshold values (December 2018).

Depth of soil in feet below ground surface indicated in parentheses in sample name.

\* Native soil is silty-clay with layers of fine to medium and coarse sand (Geotest Inc., Geotechnical Subsurface Investigation, July 16, 2021).

NA - Parameter not analyzed.

NS - No established standard.

J = Laboratory flag indicating that the result reported is between the Method Detection Limit and Limit of Quantitation (an uncertain or estimated result).





## **Attachment A**



April 24, 2024

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

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

Dear Richard Mazurkiewicz:

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

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

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



## REPORT OF LABORATORY ANALYSIS

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



## CERTIFICATIONS

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

---

### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

---

## REPORT OF LABORATORY ANALYSIS

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



### SAMPLE SUMMARY

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

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

### REPORT OF LABORATORY ANALYSIS

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



### SAMPLE ANALYTE COUNT

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

---

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

---

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

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

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

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

## REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

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

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

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

## REPORT OF LABORATORY ANALYSIS

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





## ANALYTICAL RESULTS

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

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

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

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

## REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

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

Results reported on a "wet-weight" basis

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

## REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

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

Results reported on a "wet-weight" basis

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

## REPORT OF LABORATORY ANALYSIS

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



**QUALITY CONTROL DATA**

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

|                           |                                                  |
|---------------------------|--------------------------------------------------|
| QC Batch: 472049          | Analysis Method: EPA 7471                        |
| QC Batch Method: EPA 7471 | Analysis Description: 7471 Mercury               |
|                           | Laboratory: Pace Analytical Services - Green Bay |

Associated Lab Samples: 40276958001

METHOD BLANK: 2703338 Matrix: Solid

Associated Lab Samples: 40276958001

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

LABORATORY CONTROL SAMPLE: 2703339

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2703340 2703341

| Parameter | Units | 2703340        |                 | 2703341   |            | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
|           |       | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result |          |           |              |     |         |      |
| Mercury   | mg/kg | 0.14           | 0.86            | 0.91      | 0.89       | 90       | 87        | 85-115       | 3   | 20      |      |

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

**REPORT OF LABORATORY ANALYSIS**

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



**QUALITY CONTROL DATA**

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

QC Batch: 472121

Analysis Method: EPA 6010D

QC Batch Method: EPA 3050B

Analysis Description: 6010D MET

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40276958001

METHOD BLANK: 2703881

Matrix: Solid

Associated Lab Samples: 40276958001

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

LABORATORY CONTROL SAMPLE: 2703882

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2703883 2703884

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

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

**REPORT OF LABORATORY ANALYSIS**

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



## QUALITY CONTROL DATA

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

QC Batch: 472171

Analysis Method: EPA 8260

QC Batch Method: EPA 5035/5030B

Analysis Description: 8260 MSV Med Level Normal List

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40276958001, 40276958002

METHOD BLANK: 2704147

Matrix: Solid

Associated Lab Samples: 40276958001, 40276958002

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

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

## REPORT OF LABORATORY ANALYSIS

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



## QUALITY CONTROL DATA

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

METHOD BLANK: 2704147

Matrix: Solid

Associated Lab Samples: 40276958001, 40276958002

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

LABORATORY CONTROL SAMPLE: 2704148

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

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

## REPORT OF LABORATORY ANALYSIS

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



## QUALITY CONTROL DATA

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

LABORATORY CONTROL SAMPLE: 2704148

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

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

## REPORT OF LABORATORY ANALYSIS

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





**QUALITY CONTROL DATA**

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

QC Batch: 472053

Analysis Method: EPA 8082A

QC Batch Method: EPA 3541

Analysis Description: 8082 GCS PCB

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40276958001

METHOD BLANK: 2703452

Matrix: Solid

Associated Lab Samples: 40276958001

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

LABORATORY CONTROL SAMPLE: 2703453

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2703454 2703455

| Parameter                | Units | MS          |             | MSD         |        | MS % Rec | MSD % Rec | % Rec Limits | RPD    | Max RPD | Qual |
|--------------------------|-------|-------------|-------------|-------------|--------|----------|-----------|--------------|--------|---------|------|
|                          |       | 40276904004 | Spike Conc. | Spike Conc. | Result |          |           |              |        |         |      |
| PCB-1016 (Aroclor 1016)  | ug/kg | <20.1       |             |             | <20.1  | <20.1    |           |              |        |         | 20   |
| PCB-1221 (Aroclor 1221)  | ug/kg | <20.1       |             |             | <20.1  | <20.1    |           |              |        |         | 20   |
| PCB-1232 (Aroclor 1232)  | ug/kg | <20.1       |             |             | <20.1  | <20.1    |           |              |        |         | 20   |
| PCB-1242 (Aroclor 1242)  | ug/kg | <20.1       |             |             | <20.1  | <20.1    |           |              |        |         | 20   |
| PCB-1248 (Aroclor 1248)  | ug/kg | <20.1       |             |             | <20.1  | <20.1    |           |              |        |         | 20   |
| PCB-1254 (Aroclor 1254)  | ug/kg | <20.1       |             |             | <20.1  | <20.1    |           |              |        |         | 20   |
| PCB-1260 (Aroclor 1260)  | ug/kg | <20.1       | 661         | 660         | 616    | 549      | 93        | 83           | 51-120 | 12      | 20   |
| Decachlorobiphenyl (S)   | %     |             |             |             |        |          | 90        | 83           | 34-120 |         |      |
| Tetrachloro-m-xylene (S) | %     |             |             |             |        |          | 93        | 83           | 44-120 |         |      |

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

**REPORT OF LABORATORY ANALYSIS**

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



## QUALITY CONTROL DATA

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

QC Batch: 472374

Analysis Method: EPA 8270E by SIM

QC Batch Method: EPA 3546

Analysis Description: 8270E/3546 MSSV PAH by SIM

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40276958001

METHOD BLANK: 2705494

Matrix: Solid

Associated Lab Samples: 40276958001

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

LABORATORY CONTROL SAMPLE: 2705495

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

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

## REPORT OF LABORATORY ANALYSIS

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



**QUALITY CONTROL DATA**

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

LABORATORY CONTROL SAMPLE: 2705495

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2705496 2705497

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

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

**REPORT OF LABORATORY ANALYSIS**

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



### QUALITY CONTROL DATA

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

QC Batch: 472063

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40276958001

SAMPLE DUPLICATE: 2703512

| Parameter        | Units | 40276878003<br>Result | Dup<br>Result | RPD | Max<br>RPD | Qualifiers |
|------------------|-------|-----------------------|---------------|-----|------------|------------|
| Percent Moisture | %     | 17.2                  | 17.2          | 0   | 10         |            |

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

### REPORT OF LABORATORY ANALYSIS

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



## QUALIFIERS

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

---

### DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

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

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

P6 Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

R1 RPD value was outside control limits.

## REPORT OF LABORATORY ANALYSIS

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



### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690023383\_CONV BETA BECHER

Pace Project No.: 40276958

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

### REPORT OF LABORATORY ANALYSIS

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



rmazurkiewicz@ramboll.com

CHAIN-OF-CUSTODY / Analytical Request Document

40276958

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

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

Section A  
Required Client Information:

Section B  
Required Project Information: **MAZURKIEWICZ**

Section C  
Invoice Information:

Page: 1 Of 1

|                                                                               |                                                             |                                                   |                                  |                               |
|-------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------|----------------------------------|-------------------------------|
| Company<br>Ramboll                                                            | Report To<br>Blank, Evran <b>RICHARD A</b>                  | Attention<br><b>RICHARD MAZURKIEWICZ</b>          | Regulatory Agency<br><b>WDNR</b> |                               |
| Address<br>234 W Florida St                                                   | Copy To                                                     | Company Name<br><b>RAMBOLL</b>                    |                                  | State / Location<br><b>WI</b> |
| 5th Floor, Milwaukee, WI 53204                                                | Purchase Order #                                            | Address                                           |                                  |                               |
| Email<br><a href="mailto:evran.plank@ramboll.com">evran.plank@ramboll.com</a> | Project Name<br><del>Manitowish MGP</del> <b>Doty Baker</b> | Pace Project Manager<br>brian.bastan@pacelabs.com |                                  |                               |
| Phone<br>NONE                                                                 | Project #<br><b>1690023383-COAV</b>                         | Pace Profile #: 3570 #3                           |                                  |                               |
| Requested Due Date<br><b>4/22/2024</b>                                        |                                                             |                                                   |                                  |                               |

| ITEM # | SAMPLE ID<br>One Character per box.<br>(A-Z, 0-9 / . - )<br>Sample IDs must be unique | MATRIX CODE<br>(see valid codes to left) | COLLECTED       |                  |                 |                  | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |             |             |             |             |             |             | Analyses Test Y/N | Requested Analyses Filtered (Y/N) |                              |             |             |             |             |                      |                   |             | Residual Chlorine (Y/N) |             |             |             |             |             |             |             |             |             |             |             |             |             |
|--------|---------------------------------------------------------------------------------------|------------------------------------------|-----------------|------------------|-----------------|------------------|---------------------------|-----------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-----------------------------------|------------------------------|-------------|-------------|-------------|-------------|----------------------|-------------------|-------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|        |                                                                                       |                                          | DATE            | TIME             | DATE            | TIME             |                           |                 | Unpreserved   | H2SO4       | HNO3        | HCl         | NaOH        | Na2S2O3     | Methanol    |                   | Other                             | Total Dissolved Solids (TDS) | TOC by S310 | Metals      | P/OC        | PAH SIM     | Sulfate & Alkalinity | Nitrate + Nitrite | Trip Blank  |                         | PCB's       | PCB A & B   | PCB's       | PCB's       | PCB's       | PCB's       | PCB's       |             |             |             |             |             |             |
|        |                                                                                       |                                          |                 |                  |                 |                  |                           |                 |               |             |             |             |             |             |             |                   |                                   |                              |             |             |             |             |                      |                   |             |                         |             |             |             |             |             |             |             | START       | END         |             |             |             |             |
| 1      | UST-1(4)                                                                              | SG                                       | 4/17            | 13:34            | 4/17            | 13:34            | 3                         | 2               |               |             |             |             |             |             |             |                   |                                   |                              |             |             |             |             |                      |                   |             |                         |             |             |             |             |             |             |             |             |             |             |             | 001         |             |
| 2      | TB-01                                                                                 |                                          | 4/17            | 14:00            |                 |                  |                           |                 |               |             |             |             |             |             |             |                   |                                   |                              |             |             |             |             |                      |                   |             |                         |             |             |             |             |             |             |             |             |             |             | 002         |             |             |
| 3      | <del>KPP</del>                                                                        | <del>SG</del>                            | <del>4/17</del> | <del>13:34</del> | <del>4/17</del> | <del>14:00</del> | <del>3</del>              | <del>2</del>    | <del></del>   | <del></del> | <del></del> | <del></del> | <del></del> | <del></del> | <del></del> | <del></del>       | <del></del>                       | <del></del>                  | <del></del> | <del></del> | <del></del> | <del></del> | <del></del>          | <del></del>       | <del></del> | <del></del>             | <del></del> | <del></del> | <del></del> | <del></del> | <del></del> | <del></del> | <del></del> | <del></del> | <del></del> | <del></del> | <del></del> | <del></del> | <del></del> |
| 4      |                                                                                       |                                          |                 |                  |                 |                  |                           |                 |               |             |             |             |             |             |             |                   |                                   |                              |             |             |             |             |                      |                   |             |                         |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 5      |                                                                                       |                                          |                 |                  |                 |                  |                           |                 |               |             |             |             |             |             |             |                   |                                   |                              |             |             |             |             |                      |                   |             |                         |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 6      |                                                                                       |                                          |                 |                  |                 |                  |                           |                 |               |             |             |             |             |             |             |                   |                                   |                              |             |             |             |             |                      |                   |             |                         |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 6      |                                                                                       |                                          |                 |                  |                 |                  |                           |                 |               |             |             |             |             |             |             |                   |                                   |                              |             |             |             |             |                      |                   |             |                         |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 7      |                                                                                       |                                          |                 |                  |                 |                  |                           |                 |               |             |             |             |             |             |             |                   |                                   |                              |             |             |             |             |                      |                   |             |                         |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 8      |                                                                                       |                                          |                 |                  |                 |                  |                           |                 |               |             |             |             |             |             |             |                   |                                   |                              |             |             |             |             |                      |                   |             |                         |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 9      |                                                                                       |                                          |                 |                  |                 |                  |                           |                 |               |             |             |             |             |             |             |                   |                                   |                              |             |             |             |             |                      |                   |             |                         |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 10     |                                                                                       |                                          |                 |                  |                 |                  |                           |                 |               |             |             |             |             |             |             |                   |                                   |                              |             |             |             |             |                      |                   |             |                         |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 11     |                                                                                       |                                          |                 |                  |                 |                  |                           |                 |               |             |             |             |             |             |             |                   |                                   |                              |             |             |             |             |                      |                   |             |                         |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 12     |                                                                                       |                                          |                 |                  |                 |                  |                           |                 |               |             |             |             |             |             |             |                   |                                   |                              |             |             |             |             |                      |                   |             |                         |             |             |             |             |             |             |             |             |             |             |             |             |             |

| ADDITIONAL COMMENTS               | RELINQUISHED BY / AFFILIATION | DATE | TIME  | ACCEPTED BY / AFFILIATION | DATE     | TIME | SAMPLE CONDITIONS |   |   |   |
|-----------------------------------|-------------------------------|------|-------|---------------------------|----------|------|-------------------|---|---|---|
| 3-day turn<br>level 2 data report | Ramboll<br>C.S. Logotekas     | 4/17 | 15:20 | Suzanne Wylotay           | 04/18/24 | 0840 | 1.0               | Y | Y | Y |

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: **KATHERINE PHILLIPS**

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

TEMP in C

Received on Ice (Y/N)

Custody Sealed Cooler (Y/N)

Samples Intact (Y/N)

Effective Date: 8/16/2022

Client Name: Rambo II

Sample Preservation Receipt Form

Project # 40276958

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 | 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 |
| 002        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 003        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 004        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 005        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 006        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 007        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 008        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 009        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 010        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 011        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 012        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 013        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 014        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 015        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 016        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 017        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 018        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 019        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |
| 020        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |  | 2.5 / 5 |

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

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



Sample Condition Upon Receipt Form (SCUR)

Client Name: Ramboll

Project #: \_\_\_\_\_

WO#: 40276958



Courier:  CS Logistics  Fed Ex  Speedee  UPS  Walco  
 Client  Pace Other: \_\_\_\_\_

Tracking #: \_\_\_\_\_

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

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

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used SR - 137 Type of Ice: Wet Blue Dry None  Meltwater Only

Cooler Temperature Uncorr: 1.0 / Corr: 1.0

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

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

Person examining contents:  
 Date: 04/18/24 / Initials: SW  
 Labeled By Initials: E

|                                                                                                                                                                                            |                                                                                                  |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------|
| Chain of Custody Present:                                                                                                                                                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 1. <u>+ CC</u> |
| Chain of Custody Filled Out:                                                                                                                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 2.             |
| Chain of Custody Relinquished:                                                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            | 3.             |
| Sampler Name & Signature on COC:                                                                                                                                                           | <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 7.             |
| Sufficient Volume:                                                                                                                                                                         |                                                                                                  | 8.             |
| For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |                                                                                                  |                |
| Correct Containers Used:                                                                                                                                                                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 9.             |
| Correct Type: Pace Green Bay, Pace IR, <u>Non-Pace</u>                                                                                                                                     |                                                                                                  |                |
| 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 12.            |
| -Includes date/time/ID/Analysis Matrix: <u>S</u>                                                                                                                                           |                                                                                                  |                |
| Trip Blank Present:                                                                                                                                                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 13.            |
| Trip Blank Custody Seals Present                                                                                                                                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                |
| Pace Trip Blank Lot # (if purchased): <u>B317101VB</u>                                                                                                                                     |                                                                                                  |                |

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 log



April 25, 2024

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

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

Dear Richard Mazurkiewicz:

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

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

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



## REPORT OF LABORATORY ANALYSIS

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



## CERTIFICATIONS

Project: BETA TANK BASIN

Pace Project No.: 40277001

---

### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

---

## REPORT OF LABORATORY ANALYSIS

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



### SAMPLE SUMMARY

Project: BETA TANK BASIN  
Pace Project No.: 40277001

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

### REPORT OF LABORATORY ANALYSIS

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



### SAMPLE ANALYTE COUNT

Project: BETA TANK BASIN  
Pace Project No.: 40277001

---

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

---

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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



### SUMMARY OF DETECTION

Project: BETA TANK BASIN

Pace Project No.: 40277001

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

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: BETA TANK BASIN

Pace Project No.: 40277001

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

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

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

## REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: BETA TANK BASIN

Pace Project No.: 40277001

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

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

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

### REPORT OF LABORATORY ANALYSIS

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





## ANALYTICAL RESULTS

Project: BETA TANK BASIN

Pace Project No.: 40277001

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

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

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

## REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: BETA TANK BASIN

Pace Project No.: 40277001

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

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

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

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: BETA TANK BASIN

Pace Project No.: 40277001

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

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

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

## REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: BETA TANK BASIN

Pace Project No.: 40277001

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

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

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

## REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: BETA TANK BASIN

Pace Project No.: 40277001

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

Results reported on a "wet-weight" basis

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

## REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: BETA TANK BASIN

Pace Project No.: 40277001

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

Results reported on a "wet-weight" basis

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

### REPORT OF LABORATORY ANALYSIS

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



## QUALITY CONTROL DATA

Project: BETA TANK BASIN

Pace Project No.: 40277001

QC Batch: 472177

Analysis Method: EPA 8260

QC Batch Method: EPA 5035/5030B

Analysis Description: 8260 MSV Med Level Normal List

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40277001001, 40277001002, 40277001003, 40277001004

METHOD BLANK: 2704156

Matrix: Solid

Associated Lab Samples: 40277001001, 40277001002, 40277001003, 40277001004

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

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

## REPORT OF LABORATORY ANALYSIS

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



### QUALITY CONTROL DATA

Project: BETA TANK BASIN

Pace Project No.: 40277001

METHOD BLANK: 2704156

Matrix: Solid

Associated Lab Samples: 40277001001, 40277001002, 40277001003, 40277001004

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

LABORATORY CONTROL SAMPLE: 2704157

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

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

### REPORT OF LABORATORY ANALYSIS

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





### QUALITY CONTROL DATA

Project: BETA TANK BASIN

Pace Project No.: 40277001

LABORATORY CONTROL SAMPLE: 2704157

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2704158 2704159

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

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

### REPORT OF LABORATORY ANALYSIS

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



**QUALITY CONTROL DATA**

Project: BETA TANK BASIN

Pace Project No.: 40277001

| Parameter                    | Units | 2704158               |                      | 2704159               |              | MS<br>Result | MSD<br>Result | MS<br>% Rec | MSD<br>% Rec | % Rec<br>Limits | RPD | Max<br>RPD | Qual |
|------------------------------|-------|-----------------------|----------------------|-----------------------|--------------|--------------|---------------|-------------|--------------|-----------------|-----|------------|------|
|                              |       | 40277027001<br>Result | MS<br>Spike<br>Conc. | MSD<br>Spike<br>Conc. | MS<br>Result |              |               |             |              |                 |     |            |      |
| 1,2-Dichloropropane          | ug/kg | <18.0                 | 1510                 | 1510                  | 1550         | 1590         | 102           | 105         | 77-121       | 3               | 20  |            |      |
| 1,3-Dichlorobenzene          | ug/kg | <20.8                 | 1510                 | 1510                  | 1600         | 1580         | 105           | 104         | 70-130       | 1               | 20  |            |      |
| 1,4-Dichlorobenzene          | ug/kg | <20.8                 | 1510                 | 1510                  | 1610         | 1570         | 106           | 104         | 70-130       | 2               | 20  |            |      |
| Benzene                      | ug/kg | <18.0                 | 1510                 | 1510                  | 1550         | 1560         | 103           | 103         | 70-130       | 0               | 20  |            |      |
| Bromodichloromethane         | ug/kg | <18.0                 | 1510                 | 1510                  | 1490         | 1480         | 98            | 98          | 70-130       | 0               | 20  |            |      |
| Bromoform                    | ug/kg | <333                  | 1510                 | 1510                  | 1030         | 950          | 68            | 63          | 67-130       | 8               | 20  | M1         |      |
| Bromomethane                 | ug/kg | <106                  | 1510                 | 1510                  | 2040         | 2040         | 135           | 135         | 25-150       | 0               | 20  |            |      |
| Carbon tetrachloride         | ug/kg | <16.7                 | 1510                 | 1510                  | 1110         | 1040         | 73            | 69          | 48-136       | 6               | 20  |            |      |
| Chlorobenzene                | ug/kg | <9.1                  | 1510                 | 1510                  | 1620         | 1630         | 107           | 107         | 70-130       | 1               | 20  |            |      |
| Chloroethane                 | ug/kg | <32.0                 | 1510                 | 1510                  | 2080         | 2080         | 137           | 138         | 20-178       | 0               | 23  |            |      |
| Chloroform                   | ug/kg | <54.2                 | 1510                 | 1510                  | 1460         | 1630         | 96            | 107         | 80-120       | 11              | 20  |            |      |
| Chloromethane                | ug/kg | <28.8                 | 1510                 | 1510                  | 1630         | 1660         | 108           | 109         | 23-132       | 1               | 20  |            |      |
| cis-1,2-Dichloroethene       | ug/kg | <16.2                 | 1510                 | 1510                  | 1550         | 1550         | 102           | 103         | 70-130       | 0               | 20  |            |      |
| cis-1,3-Dichloropropene      | ug/kg | <50.0                 | 1510                 | 1510                  | 1380         | 1440         | 91            | 95          | 70-130       | 4               | 20  |            |      |
| Dibromochloromethane         | ug/kg | <259                  | 1510                 | 1510                  | 1250         | 1200         | 83            | 79          | 70-130       | 4               | 20  |            |      |
| Dichlorodifluoromethane      | ug/kg | <32.6                 | 1510                 | 1510                  | 954          | 903          | 63            | 60          | 10-106       | 6               | 34  |            |      |
| Ethylbenzene                 | ug/kg | <18.0                 | 1510                 | 1510                  | 1600         | 1520         | 106           | 100         | 80-120       | 5               | 20  |            |      |
| Isopropylbenzene<br>(Cumene) | ug/kg | <20.5                 | 1510                 | 1510                  | 1420         | 1340         | 94            | 89          | 70-130       | 5               | 20  |            |      |
| m&p-Xylene                   | ug/kg | <32.0                 | 3030                 | 3030                  | 3180         | 3070         | 105           | 101         | 70-130       | 4               | 20  |            |      |
| Methyl-tert-butyl ether      | ug/kg | <22.3                 | 1510                 | 1510                  | 1460         | 1540         | 96            | 101         | 67-130       | 5               | 20  |            |      |
| Methylene Chloride           | ug/kg | <21.1                 | 1510                 | 1510                  | 1640         | 1700         | 108           | 112         | 70-130       | 4               | 20  |            |      |
| o-Xylene                     | ug/kg | <22.7                 | 1510                 | 1510                  | 1620         | 1550         | 107           | 102         | 70-130       | 5               | 20  |            |      |
| Styrene                      | ug/kg | <19.4                 | 1510                 | 1510                  | 1700         | 1610         | 112           | 106         | 70-130       | 5               | 20  |            |      |
| Tetrachloroethene            | ug/kg | <29.4                 | 1510                 | 1510                  | 1490         | 1300         | 98            | 86          | 70-130       | 13              | 20  |            |      |
| Toluene                      | ug/kg | <19.1                 | 1510                 | 1510                  | 1460         | 1460         | 96            | 96          | 80-120       | 0               | 20  |            |      |
| trans-1,2-Dichloroethene     | ug/kg | <16.6                 | 1510                 | 1510                  | 1610         | 1590         | 106           | 105         | 70-130       | 1               | 20  |            |      |
| trans-1,3-Dichloropropene    | ug/kg | <217                  | 1510                 | 1510                  | 1330         | 1270         | 88            | 84          | 70-130       | 5               | 20  |            |      |
| Trichloroethene              | ug/kg | <28.3                 | 1510                 | 1510                  | 1550         | 1540         | 102           | 102         | 70-130       | 1               | 20  |            |      |
| Trichlorofluoromethane       | ug/kg | <22.0                 | 1510                 | 1510                  | 1290         | 1160         | 85            | 77          | 21-141       | 11              | 28  |            |      |
| Vinyl chloride               | ug/kg | <15.3                 | 1510                 | 1510                  | 1310         | 1230         | 87            | 81          | 29-120       | 7               | 20  |            |      |
| Xylene (Total)               | ug/kg | <54.7                 | 4540                 | 4540                  | 4800         | 4610         | 106           | 102         | 70-130       | 4               | 20  |            |      |
| 1,2-Dichlorobenzene-d4 (S)   | %     |                       |                      |                       |              |              | 137           | 130         | 67-144       |                 |     |            |      |
| 4-Bromofluorobenzene (S)     | %     |                       |                      |                       |              |              | 141           | 137         | 72-142       |                 |     |            |      |
| Toluene-d8 (S)               | %     |                       |                      |                       |              |              | 145           | 134         | 70-139       |                 |     | 1q         |      |

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

**REPORT OF LABORATORY ANALYSIS**

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



### QUALITY CONTROL DATA

Project: BETA TANK BASIN

Pace Project No.: 40277001

QC Batch: 472337

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40277001001, 40277001002, 40277001003

SAMPLE DUPLICATE: 2705387

| Parameter        | Units | 40277002006<br>Result | Dup<br>Result | RPD | Max<br>RPD | Qualifiers |
|------------------|-------|-----------------------|---------------|-----|------------|------------|
| Percent Moisture | %     | 9.8                   | 9.4           | 4   | 10         |            |

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

### REPORT OF LABORATORY ANALYSIS

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



## QUALIFIERS

Project: BETA TANK BASIN

Pace Project No.: 40277001

---

### DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

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

## REPORT OF LABORATORY ANALYSIS

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



### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BETA TANK BASIN

Pace Project No.: 40277001

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

### REPORT OF LABORATORY ANALYSIS

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

40277001

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

### CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY - Affix Workorder/Login Label Here



Scan QR Code for instructions

Company Name: Ramboll US Consulting, Inc.  
Street Address: 234 W. Florida Street, Fifth Floor  
Milwaukee, WI 53204

Contact/Report To: ~~David Markelz~~ **Richard Mazurkiewicz**  
Phone #: ~~262-901-0131~~ **262 901 3502**  
E-Mail: ~~dmarkelz@ramboll.com~~ **R.Mazurkiewicz@ramboll.com**  
Cc E-Mail: **Ramboll.com**

Customer Project #: **Beta Tank Basin**  
Project Name:  
Site Collection Info/Facility ID (as applicable):

Invoice To: Ramboll Americas  
Invoice E-Mail: **ramboll.us@pdf.basware.com**  
Purchase Order # (if applicable):  
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET  
Data Deliverables:  
[ ] Level II [ ] Level III [ ] Level IV  
[ ] EQUIS  
[ ] Other

County / State origin of sample(s): Wisconsin  
Regulatory Program (DW, RCRA, etc.) as applicable. Reportable [ ] Yes [ ] No  
Rush (Pre-approval required):  
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other  
Date Results Requested:  
Field Filtered (if applicable) [ ] Yes [ ] No  
Analysis:

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

| Customer Sample ID | Matrix * | Comp / Grab | Composite Start |      | Collected or Composite End |      | # Cont. | Res. Chlorine |       |
|--------------------|----------|-------------|-----------------|------|----------------------------|------|---------|---------------|-------|
|                    |          |             | Date            | Time | Date                       | Time |         | Results       | Units |
| SW01               | SS       | G           |                 |      | 4-17                       | 1311 | 2       | X             | X     |
| SW02               | SS       | G           |                 |      | ↓                          | 1320 | 2       | X             | X     |
| SW03               | SS       | G           |                 |      | ↓                          | 1318 | 2       | X             | X     |
| TB-02              | -        | -           |                 |      | 4-17                       | -    | 1       |               | X     |

Specify Container Size \*\*

Identify Container Preservative Type\*\*\*

Analysis Requested

8260 PVC Grab Full list VDL  
Dry weight  
Trip Blank

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

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

Proj. Mgr: **Steven Mleczo**  
AcctNum / Client ID:  
Table #:  
Profile / Template: **3007**  
Prelog / Bottle Ord. ID: **EZ 3083193**  
Sample Comment

Lab Use Only  
Preservation non-conformance identified for sample

Additional Instructions from Pace\*:

Collected By: **Emily Roder**  
Signature: *[Signature]*

Customer Remarks / Special Conditions / Possible Hazards:  
# Coolers: 1 Thermometer ID: 120 Correction Factor (°C): none Obs Temp. (°C): 0.0 Corrected Temp. (°C): 0.0 On Ice: Y

Relinquished by/Company (Signature): *Emily Roder/Ramboll*  
Date/Time: **4/17 1530**  
Relinquished by/Company (Signature): *OS Logistics*  
Date/Time: **4/18/24 0840**

Received by/Company (Signature): *[Signature]*  
Date/Time: **4/18/24 0840**  
Received by/Company (Signature): *[Signature]*  
Date/Time: **4/18/24 0840**

Received by/Company (Signature): *[Signature]*  
Date/Time: **4/18/24 0840**  
Received by/Company (Signature): *[Signature]*  
Date/Time: **4/18/24 0840**

Tracking Number: **N/A**  
Delivered by: [ ] In-Person [ ] Courier  
[ ] FedEx [ ] UPS [ ] Other  
Page: **1** of **1**

**Sample Preservation Receipt Form**

Client Name: Ramboll US

Project # 40277001

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 |
| 002        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 003        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 004        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 005        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 006        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 007        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 008        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 009        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 010        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 011        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 012        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 013        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 014        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 015        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 016        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 017        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 018        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 019        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |
| 020        |       |      |      |      |      |      |         |      |      |      |      |      |       |      |      |      |      |      |      |      |      |         |      |                    |             |                   |             |            |                   |             |      |      |      |      |  |  |  | 2.5 / 5 |

*AC 4/18/24*

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

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

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: Ramboll US

WO#: 40277001

Courier:  CS Logistics  Fed Ex  Speedee  UPS  Walco  
 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 - i20 Type of Ice: Wet Blue Dry None  Meltwater Only

Cooler Temperature Uncorr: 0.0 / Corr: 0.0

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

Person examining contents:  
 Date: 4/8/24 / Initials: AL  
 Labeled By Initials: YJA

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

|                                                                                                                                                                                                                  |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                                       | 1.         |
| Chain of Custody Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                                    | 2.         |
| 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 checked="" 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:<br>For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                                        | 12.        |
| -Includes date/time/ID/Analysis Matrix: <u>SL</u>                                                                                                                                                                |            |
| Trip Blank Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                                             | 13.        |
| Trip Blank Custody Seals Present <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                                |            |
| Pace Trip Blank Lot # (if purchased): <u>3731</u>                                                                                                                                                                |            |

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

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

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





May 01, 2024

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

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

Dear Richard Mazurkiewicz:

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

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

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



## REPORT OF LABORATORY ANALYSIS

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



## CERTIFICATIONS

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

---

### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

---

## REPORT OF LABORATORY ANALYSIS

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



### SAMPLE SUMMARY

Project: 1690023383 BECHER ST  
Pace Project No.: 40277273

---

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

### REPORT OF LABORATORY ANALYSIS

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



### SAMPLE ANALYTE COUNT

Project: 1690023383 BECHER ST  
Pace Project No.: 40277273

---

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

---

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

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

| Parameters                                                       | Results | Units | LOQ    | LOD    | DF | Prepared       | Analyzed       | CAS No.    | Qual |
|------------------------------------------------------------------|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| <b>8082A GCS PCB Low Volume</b>                                  |         |       |        |        |    |                |                |            |      |
| Analytical Method: EPA 8082A Preparation Method: EPA 3510        |         |       |        |        |    |                |                |            |      |
| Pace Analytical Services - Green Bay                             |         |       |        |        |    |                |                |            |      |
| PCB-1016 (Aroclor 1016)                                          | <0.11   | ug/L  | 0.50   | 0.11   | 1  | 04/29/24 06:49 | 04/29/24 15:31 | 12674-11-2 |      |
| PCB-1221 (Aroclor 1221)                                          | <0.11   | ug/L  | 0.50   | 0.11   | 1  | 04/29/24 06:49 | 04/29/24 15:31 | 11104-28-2 |      |
| PCB-1232 (Aroclor 1232)                                          | <0.11   | ug/L  | 0.50   | 0.11   | 1  | 04/29/24 06:49 | 04/29/24 15:31 | 11141-16-5 |      |
| PCB-1242 (Aroclor 1242)                                          | <0.11   | ug/L  | 0.50   | 0.11   | 1  | 04/29/24 06:49 | 04/29/24 15:31 | 53469-21-9 |      |
| PCB-1248 (Aroclor 1248)                                          | <0.11   | ug/L  | 0.50   | 0.11   | 1  | 04/29/24 06:49 | 04/29/24 15:31 | 12672-29-6 |      |
| PCB-1254 (Aroclor 1254)                                          | <0.11   | ug/L  | 0.50   | 0.11   | 1  | 04/29/24 06:49 | 04/29/24 15:31 | 11097-69-1 |      |
| PCB-1260 (Aroclor 1260)                                          | <0.11   | ug/L  | 0.50   | 0.11   | 1  | 04/29/24 06:49 | 04/29/24 15:31 | 11096-82-5 |      |
| PCB, Total                                                       | <0.11   | ug/L  | 0.50   | 0.11   | 1  | 04/29/24 06:49 | 04/29/24 15:31 | 1336-36-3  |      |
| <b>Surrogates</b>                                                |         |       |        |        |    |                |                |            |      |
| Decachlorobiphenyl (S)                                           | 72      | %     | 10-132 |        | 1  | 04/29/24 06:49 | 04/29/24 15:31 | 2051-24-3  |      |
| Tetrachloro-m-xylene (S)                                         | 72      | %     | 41-120 |        | 1  | 04/29/24 06:49 | 04/29/24 15:31 | 877-09-8   |      |
| <b>6020B MET ICPMS, Dissolved</b>                                |         |       |        |        |    |                |                |            |      |
| Analytical Method: EPA 6020B Preparation Method: EPA 3010A       |         |       |        |        |    |                |                |            |      |
| Pace Analytical Services - Green Bay                             |         |       |        |        |    |                |                |            |      |
| Arsenic, Dissolved                                               | 0.63J   | ug/L  | 1.0    | 0.28   | 1  | 04/29/24 05:52 | 04/29/24 19:46 | 7440-38-2  |      |
| Barium, Dissolved                                                | 55.8    | ug/L  | 2.3    | 0.70   | 1  | 04/29/24 05:52 | 04/29/24 19:46 | 7440-39-3  |      |
| Cadmium, Dissolved                                               | <0.15   | ug/L  | 1.0    | 0.15   | 1  | 04/29/24 05:52 | 04/29/24 19:46 | 7440-43-9  |      |
| Chromium, Dissolved                                              | <1.0    | ug/L  | 3.4    | 1.0    | 1  | 04/29/24 05:52 | 04/29/24 19:46 | 7440-47-3  |      |
| Lead, Dissolved                                                  | 0.70J   | ug/L  | 1.0    | 0.24   | 1  | 04/29/24 05:52 | 04/29/24 19:46 | 7439-92-1  |      |
| Selenium, Dissolved                                              | <0.32   | ug/L  | 1.1    | 0.32   | 1  | 04/29/24 05:52 | 04/29/24 19:46 | 7782-49-2  |      |
| Silver, Dissolved                                                | <0.13   | ug/L  | 0.50   | 0.13   | 1  | 04/29/24 05:52 | 04/29/24 19:46 | 7440-22-4  |      |
| <b>7470 Mercury, Dissolved</b>                                   |         |       |        |        |    |                |                |            |      |
| Analytical Method: EPA 7470 Preparation Method: EPA 7470         |         |       |        |        |    |                |                |            |      |
| Pace Analytical Services - Green Bay                             |         |       |        |        |    |                |                |            |      |
| Mercury, Dissolved                                               | <0.066  | ug/L  | 0.20   | 0.066  | 1  | 04/30/24 08:13 | 04/30/24 17:55 | 7439-97-6  |      |
| <b>8270E MSSV PAH</b>                                            |         |       |        |        |    |                |                |            |      |
| Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 |         |       |        |        |    |                |                |            |      |
| Pace Analytical Services - Green Bay                             |         |       |        |        |    |                |                |            |      |
| Acenaphthene                                                     | 0.025J  | ug/L  | 0.050  | 0.014  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 83-32-9    |      |
| Acenaphthylene                                                   | <0.013  | ug/L  | 0.050  | 0.013  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 208-96-8   |      |
| Anthracene                                                       | 0.022J  | ug/L  | 0.050  | 0.018  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 120-12-7   |      |
| Benzo(a)anthracene                                               | 0.063   | ug/L  | 0.050  | 0.014  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 56-55-3    |      |
| Benzo(a)pyrene                                                   | 0.061   | ug/L  | 0.050  | 0.013  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 50-32-8    |      |
| Benzo(b)fluoranthene                                             | 0.11    | ug/L  | 0.050  | 0.0091 | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 205-99-2   |      |
| Benzo(g,h,i)perylene                                             | 0.076   | ug/L  | 0.050  | 0.023  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 191-24-2   |      |
| Benzo(k)fluoranthene                                             | 0.044J  | ug/L  | 0.050  | 0.022  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 207-08-9   |      |
| Chrysene                                                         | 0.084   | ug/L  | 0.050  | 0.013  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 218-01-9   |      |
| Dibenz(a,h)anthracene                                            | <0.018  | ug/L  | 0.050  | 0.018  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 53-70-3    |      |
| Fluoranthene                                                     | 0.20    | ug/L  | 0.050  | 0.026  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 206-44-0   |      |
| Fluorene                                                         | <0.024  | ug/L  | 0.050  | 0.024  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 86-73-7    |      |
| Indeno(1,2,3-cd)pyrene                                           | 0.060   | ug/L  | 0.050  | 0.016  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 193-39-5   |      |
| 1-Methylnaphthalene                                              | 0.56    | ug/L  | 0.050  | 0.018  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 90-12-0    |      |
| 2-Methylnaphthalene                                              | 1.0     | ug/L  | 0.050  | 0.014  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 91-57-6    |      |
| Naphthalene                                                      | 1.7     | ug/L  | 0.050  | 0.020  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 91-20-3    | 1q   |
| Phenanthrene                                                     | 0.13    | ug/L  | 0.050  | 0.026  | 1  | 04/25/24 13:19 | 04/26/24 18:50 | 85-01-8    |      |

## REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

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

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

## REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

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

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

## REPORT OF LABORATORY ANALYSIS

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



**QUALITY CONTROL DATA**

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

|                           |                                                  |
|---------------------------|--------------------------------------------------|
| QC Batch: 473029          | Analysis Method: EPA 7470                        |
| QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury Dissolved     |
|                           | Laboratory: Pace Analytical Services - Green Bay |

Associated Lab Samples: 40277273001

METHOD BLANK: 2709164 Matrix: Water

Associated Lab Samples: 40277273001

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

LABORATORY CONTROL SAMPLE: 2709165

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2709166 2709167

| Parameter          | Units | 2709166            |                | 2709167         |           | MS % Rec | MSD % Rec | % Rec Limits | RPD    | Max RPD | Qual |            |
|--------------------|-------|--------------------|----------------|-----------------|-----------|----------|-----------|--------------|--------|---------|------|------------|
|                    |       | 40276862011 Result | MS Spike Conc. | MSD Spike Conc. | MS Result |          |           |              |        |         |      | MSD Result |
| Mercury, Dissolved | ug/L  | <0.066             | 5              | 5               | 5.4       | 5.3      | 109       | 107          | 85-115 | 2       | 20   |            |

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

**REPORT OF LABORATORY ANALYSIS**

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





**QUALITY CONTROL DATA**

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

QC Batch: 472673

Analysis Method: EPA 6020B

QC Batch Method: EPA 3010A

Analysis Description: 6020B MET Dissolved

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40277273001

METHOD BLANK: 2707116

Matrix: Water

Associated Lab Samples: 40277273001

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

LABORATORY CONTROL SAMPLE: 2707117

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2707118 2707119

| Parameter           | Units | MS          |             | MSD         |        | MS % Rec | MSD % Rec | % Rec Limits | RPD    | Max RPD | Qual |
|---------------------|-------|-------------|-------------|-------------|--------|----------|-----------|--------------|--------|---------|------|
|                     |       | 40277273001 | Spike Conc. | Spike Conc. | Result |          |           |              |        |         |      |
| Arsenic, Dissolved  | ug/L  | 0.63J       | 250         | 250         | 255    | 261      | 102       | 104          | 75-125 | 2       | 20   |
| Barium, Dissolved   | ug/L  | 55.8        | 250         | 250         | 315    | 316      | 104       | 104          | 75-125 | 0       | 20   |
| Cadmium, Dissolved  | ug/L  | <0.15       | 250         | 250         | 254    | 253      | 102       | 101          | 75-125 | 0       | 20   |
| Chromium, Dissolved | ug/L  | <1.0        | 250         | 250         | 250    | 256      | 100       | 102          | 75-125 | 2       | 20   |
| Lead, Dissolved     | ug/L  | 0.70J       | 250         | 250         | 258    | 259      | 103       | 103          | 75-125 | 0       | 20   |
| Selenium, Dissolved | ug/L  | <0.32       | 250         | 250         | 263    | 269      | 105       | 107          | 75-125 | 2       | 20   |
| Silver, Dissolved   | ug/L  | <0.13       | 125         | 125         | 116    | 117      | 93        | 93           | 75-125 | 0       | 20   |

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

**REPORT OF LABORATORY ANALYSIS**

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



## QUALITY CONTROL DATA

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

QC Batch: 472747

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40277273001

METHOD BLANK: 2707575

Matrix: Water

Associated Lab Samples: 40277273001

| Parameter                   | Units | Blank Result | Reporting Limit | Analyzed       | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane   | ug/L  | <0.36        | 1.0             | 04/25/24 16:52 |            |
| 1,1,1-Trichloroethane       | ug/L  | <0.30        | 1.0             | 04/25/24 16:52 |            |
| 1,1,2,2-Tetrachloroethane   | ug/L  | <0.25        | 1.0             | 04/25/24 16:52 |            |
| 1,1,2-Trichloroethane       | ug/L  | <0.34        | 1.0             | 04/25/24 16:52 |            |
| 1,1-Dichloroethane          | ug/L  | <0.30        | 1.0             | 04/25/24 16:52 |            |
| 1,1-Dichloroethene          | ug/L  | <0.58        | 1.0             | 04/25/24 16:52 |            |
| 1,1-Dichloropropene         | ug/L  | <0.41        | 1.0             | 04/25/24 16:52 |            |
| 1,2,3-Trichlorobenzene      | ug/L  | <1.0         | 5.0             | 04/25/24 16:52 |            |
| 1,2,3-Trichloropropane      | ug/L  | <0.56        | 1.0             | 04/25/24 16:52 |            |
| 1,2,4-Trichlorobenzene      | ug/L  | <0.95        | 5.0             | 04/25/24 16:52 |            |
| 1,2,4-Trimethylbenzene      | ug/L  | <0.45        | 1.0             | 04/25/24 16:52 |            |
| 1,2-Dibromo-3-chloropropane | ug/L  | <0.36        | 5.0             | 04/25/24 16:52 |            |
| 1,2-Dibromoethane (EDB)     | ug/L  | <0.31        | 1.0             | 04/25/24 16:52 |            |
| 1,2-Dichlorobenzene         | ug/L  | <0.33        | 1.0             | 04/25/24 16:52 |            |
| 1,2-Dichloroethane          | ug/L  | <0.29        | 1.0             | 04/25/24 16:52 |            |
| 1,2-Dichloropropane         | ug/L  | <0.45        | 1.0             | 04/25/24 16:52 |            |
| 1,3,5-Trimethylbenzene      | ug/L  | <0.36        | 1.0             | 04/25/24 16:52 |            |
| 1,3-Dichlorobenzene         | ug/L  | <0.35        | 1.0             | 04/25/24 16:52 |            |
| 1,3-Dichloropropane         | ug/L  | <0.30        | 1.0             | 04/25/24 16:52 |            |
| 1,4-Dichlorobenzene         | ug/L  | <0.89        | 1.0             | 04/25/24 16:52 |            |
| 2,2-Dichloropropane         | ug/L  | <0.42        | 1.0             | 04/25/24 16:52 |            |
| 2-Chlorotoluene             | ug/L  | <0.89        | 5.0             | 04/25/24 16:52 |            |
| 4-Chlorotoluene             | ug/L  | <0.89        | 5.0             | 04/25/24 16:52 |            |
| Benzene                     | ug/L  | <0.30        | 1.0             | 04/25/24 16:52 |            |
| Bromobenzene                | ug/L  | <0.36        | 1.0             | 04/25/24 16:52 |            |
| Bromochloromethane          | ug/L  | <0.36        | 1.0             | 04/25/24 16:52 |            |
| Bromodichloromethane        | ug/L  | <0.21        | 1.0             | 04/25/24 16:52 |            |
| Bromoform                   | ug/L  | <0.43        | 1.0             | 04/25/24 16:52 |            |
| Bromomethane                | ug/L  | <1.2         | 5.0             | 04/25/24 16:52 |            |
| Carbon tetrachloride        | ug/L  | <0.37        | 1.0             | 04/25/24 16:52 |            |
| Chlorobenzene               | ug/L  | <0.86        | 1.0             | 04/25/24 16:52 |            |
| Chloroethane                | ug/L  | <1.4         | 5.0             | 04/25/24 16:52 |            |
| Chloroform                  | ug/L  | <0.50        | 5.0             | 04/25/24 16:52 |            |
| Chloromethane               | ug/L  | <1.6         | 5.0             | 04/25/24 16:52 |            |
| cis-1,2-Dichloroethene      | ug/L  | <0.47        | 1.0             | 04/25/24 16:52 |            |
| cis-1,3-Dichloropropene     | ug/L  | <0.24        | 1.0             | 04/25/24 16:52 |            |
| Dibromochloromethane        | ug/L  | <2.6         | 5.0             | 04/25/24 16:52 |            |
| Dibromomethane              | ug/L  | <0.99        | 5.0             | 04/25/24 16:52 |            |
| Dichlorodifluoromethane     | ug/L  | <0.46        | 5.0             | 04/25/24 16:52 |            |
| Diisopropyl ether           | ug/L  | <1.1         | 5.0             | 04/25/24 16:52 |            |

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

## REPORT OF LABORATORY ANALYSIS

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



## QUALITY CONTROL DATA

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

METHOD BLANK: 2707575

Matrix: Water

Associated Lab Samples: 40277273001

| Parameter                  | Units | Blank Result | Reporting Limit | Analyzed       | Qualifiers |
|----------------------------|-------|--------------|-----------------|----------------|------------|
| Ethylbenzene               | ug/L  | <0.33        | 1.0             | 04/25/24 16:52 |            |
| Hexachloro-1,3-butadiene   | ug/L  | <2.7         | 5.0             | 04/25/24 16:52 |            |
| Isopropylbenzene (Cumene)  | ug/L  | <1.0         | 5.0             | 04/25/24 16:52 |            |
| m&p-Xylene                 | ug/L  | <0.70        | 2.0             | 04/25/24 16:52 |            |
| Methyl-tert-butyl ether    | ug/L  | <1.1         | 5.0             | 04/25/24 16:52 |            |
| Methylene Chloride         | ug/L  | <0.32        | 5.0             | 04/25/24 16:52 |            |
| n-Butylbenzene             | ug/L  | <0.86        | 1.0             | 04/25/24 16:52 |            |
| n-Propylbenzene            | ug/L  | <0.35        | 1.0             | 04/25/24 16:52 |            |
| Naphthalene                | ug/L  | <1.9         | 5.0             | 04/25/24 16:52 |            |
| o-Xylene                   | ug/L  | <0.35        | 1.0             | 04/25/24 16:52 |            |
| p-Isopropyltoluene         | ug/L  | <1.0         | 5.0             | 04/25/24 16:52 |            |
| sec-Butylbenzene           | ug/L  | <0.42        | 1.0             | 04/25/24 16:52 |            |
| Styrene                    | ug/L  | <0.36        | 1.0             | 04/25/24 16:52 |            |
| tert-Butylbenzene          | ug/L  | <0.59        | 1.0             | 04/25/24 16:52 |            |
| Tetrachloroethene          | ug/L  | <0.41        | 1.0             | 04/25/24 16:52 |            |
| Toluene                    | ug/L  | <0.29        | 1.0             | 04/25/24 16:52 |            |
| trans-1,2-Dichloroethene   | ug/L  | <0.53        | 1.0             | 04/25/24 16:52 |            |
| trans-1,3-Dichloropropene  | ug/L  | <0.27        | 1.0             | 04/25/24 16:52 |            |
| Trichloroethene            | ug/L  | <0.32        | 1.0             | 04/25/24 16:52 |            |
| Trichlorofluoromethane     | ug/L  | <0.42        | 1.0             | 04/25/24 16:52 |            |
| Vinyl chloride             | ug/L  | <0.17        | 1.0             | 04/25/24 16:52 |            |
| Xylene (Total)             | ug/L  | <1.0         | 3.0             | 04/25/24 16:52 |            |
| 1,2-Dichlorobenzene-d4 (S) | %     | 99           | 70-130          | 04/25/24 16:52 |            |
| 4-Bromofluorobenzene (S)   | %     | 98           | 70-130          | 04/25/24 16:52 |            |
| Toluene-d8 (S)             | %     | 96           | 70-130          | 04/25/24 16:52 |            |

LABORATORY CONTROL SAMPLE: 2707576

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1-Trichloroethane       | ug/L  | 50          | 56.3       | 113       | 70-132       |            |
| 1,1,2,2-Tetrachloroethane   | ug/L  | 50          | 48.4       | 97        | 70-130       |            |
| 1,1,2-Trichloroethane       | ug/L  | 50          | 49.6       | 99        | 70-130       |            |
| 1,1-Dichloroethane          | ug/L  | 50          | 46.6       | 93        | 70-130       |            |
| 1,1-Dichloroethene          | ug/L  | 50          | 39.4       | 79        | 73-140       |            |
| 1,2,4-Trichlorobenzene      | ug/L  | 50          | 49.2       | 98        | 70-130       |            |
| 1,2-Dibromo-3-chloropropane | ug/L  | 50          | 46.4       | 93        | 58-130       |            |
| 1,2-Dibromoethane (EDB)     | ug/L  | 50          | 53.7       | 107       | 70-130       |            |
| 1,2-Dichlorobenzene         | ug/L  | 50          | 51.6       | 103       | 70-130       |            |
| 1,2-Dichloroethane          | ug/L  | 50          | 52.6       | 105       | 70-130       |            |
| 1,2-Dichloropropane         | ug/L  | 50          | 47.3       | 95        | 77-127       |            |
| 1,3-Dichlorobenzene         | ug/L  | 50          | 51.9       | 104       | 70-130       |            |
| 1,4-Dichlorobenzene         | ug/L  | 50          | 52.3       | 105       | 70-130       |            |
| Benzene                     | ug/L  | 50          | 47.0       | 94        | 70-130       |            |
| Bromodichloromethane        | ug/L  | 50          | 51.4       | 103       | 70-130       |            |

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

## REPORT OF LABORATORY ANALYSIS

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



**QUALITY CONTROL DATA**

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

LABORATORY CONTROL SAMPLE: 2707576

| Parameter                  | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------------|-------|-------------|------------|-----------|--------------|------------|
| Bromoform                  | ug/L  | 50          | 56.8       | 114       | 70-130       |            |
| Bromomethane               | ug/L  | 50          | 30.2       | 60        | 22-141       |            |
| Carbon tetrachloride       | ug/L  | 50          | 52.9       | 106       | 70-135       |            |
| Chlorobenzene              | ug/L  | 50          | 52.6       | 105       | 70-130       |            |
| Chloroethane               | ug/L  | 50          | 34.4       | 69        | 59-141       |            |
| Chloroform                 | ug/L  | 50          | 55.8       | 112       | 80-124       |            |
| Chloromethane              | ug/L  | 50          | 22.7       | 45        | 29-150       |            |
| cis-1,2-Dichloroethene     | ug/L  | 50          | 53.6       | 107       | 70-130       |            |
| cis-1,3-Dichloropropene    | ug/L  | 50          | 46.9       | 94        | 70-130       |            |
| Dibromochloromethane       | ug/L  | 50          | 55.8       | 112       | 70-130       |            |
| Dichlorodifluoromethane    | ug/L  | 50          | 12.3       | 25        | 10-147       |            |
| Ethylbenzene               | ug/L  | 50          | 50.0       | 100       | 80-125       |            |
| Isopropylbenzene (Cumene)  | ug/L  | 50          | 53.3       | 107       | 70-130       |            |
| m&p-Xylene                 | ug/L  | 100         | 102        | 102       | 70-130       |            |
| Methyl-tert-butyl ether    | ug/L  | 50          | 48.3       | 97        | 64-131       |            |
| Methylene Chloride         | ug/L  | 50          | 45.5       | 91        | 70-137       |            |
| o-Xylene                   | ug/L  | 50          | 49.6       | 99        | 70-130       |            |
| Styrene                    | ug/L  | 50          | 53.5       | 107       | 70-130       |            |
| Tetrachloroethene          | ug/L  | 50          | 55.4       | 111       | 70-130       |            |
| Toluene                    | ug/L  | 50          | 49.1       | 98        | 80-120       |            |
| trans-1,2-Dichloroethene   | ug/L  | 50          | 54.7       | 109       | 70-131       |            |
| trans-1,3-Dichloropropene  | ug/L  | 50          | 47.5       | 95        | 70-130       |            |
| Trichloroethene            | ug/L  | 50          | 52.9       | 106       | 70-130       |            |
| Trichlorofluoromethane     | ug/L  | 50          | 47.3       | 95        | 69-141       |            |
| Vinyl chloride             | ug/L  | 50          | 25.7       | 51        | 51-145       |            |
| Xylene (Total)             | ug/L  | 150         | 152        | 101       | 70-130       |            |
| 1,2-Dichlorobenzene-d4 (S) | %     |             |            | 100       | 70-130       |            |
| 4-Bromofluorobenzene (S)   | %     |             |            | 100       | 70-130       |            |
| Toluene-d8 (S)             | %     |             |            | 98        | 70-130       |            |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2707637 2707638

| Parameter                 | Units | MS          |        | MSD         |             | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---------------------------|-------|-------------|--------|-------------|-------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
|                           |       | 40277295001 | Result | Spike Conc. | Spike Conc. |           |            |          |           |              |     |         |      |
| 1,1,1-Trichloroethane     | ug/L  | <0.00030    | mg/L   | 50          | 50          | 52.6      | 55.7       | 105      | 111       | 70-132       | 6   | 20      |      |
| 1,1,2,2-Tetrachloroethane | ug/L  | <0.00025    | mg/L   | 50          | 50          | 46.9      | 50.7       | 94       | 101       | 70-131       | 8   | 20      |      |
| 1,1,2-Trichloroethane     | ug/L  | <0.00034    | mg/L   | 50          | 50          | 48.0      | 50.8       | 96       | 102       | 70-130       | 6   | 20      |      |
| 1,1-Dichloroethane        | ug/L  | <0.00030    | mg/L   | 50          | 50          | 43.0      | 45.9       | 86       | 92        | 70-131       | 7   | 20      |      |
| 1,1-Dichloroethene        | ug/L  | <0.00058    | mg/L   | 50          | 50          | 36.7      | 39.5       | 73       | 79        | 69-146       | 7   | 20      |      |
| 1,2,4-Trichlorobenzene    | ug/L  | <0.00095    | mg/L   | 50          | 50          | 47.0      | 50.5       | 94       | 101       | 70-130       | 7   | 20      |      |

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

**REPORT OF LABORATORY ANALYSIS**

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



**QUALITY CONTROL DATA**

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

| Parameter                   | Units | MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2707637 |                |                 |           | 2707638    |          |           |        | % Rec Limits | RPD | Max RPD | Qual |
|-----------------------------|-------|------------------------------------------------|----------------|-----------------|-----------|------------|----------|-----------|--------|--------------|-----|---------|------|
|                             |       | 40277295001 Result                             | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec |        |              |     |         |      |
| 1,2-Dibromo-3-chloropropane | ug/L  | <0.00036 mg/L                                  | 50             | 50              | 45.6      | 50.8       | 91       | 102       | 56-130 | 11           | 20  |         |      |
| 1,2-Dibromoethane (EDB)     | ug/L  | <0.00031 mg/L                                  | 50             | 50              | 50.7      | 53.8       | 101      | 108       | 70-130 | 6            | 20  |         |      |
| 1,2-Dichlorobenzene         | ug/L  | <0.00033 mg/L                                  | 50             | 50              | 49.2      | 52.0       | 98       | 104       | 70-130 | 5            | 20  |         |      |
| 1,2-Dichloroethane          | ug/L  | <0.00029 mg/L                                  | 50             | 50              | 48.9      | 51.7       | 98       | 103       | 70-130 | 6            | 20  |         |      |
| 1,2-Dichloropropane         | ug/L  | <0.00045 mg/L                                  | 50             | 50              | 44.2      | 47.4       | 88       | 95        | 77-129 | 7            | 20  |         |      |
| 1,3-Dichlorobenzene         | ug/L  | <0.00035 mg/L                                  | 50             | 50              | 49.3      | 52.3       | 99       | 105       | 70-130 | 6            | 20  |         |      |
| 1,4-Dichlorobenzene         | ug/L  | <0.00089 mg/L                                  | 50             | 50              | 50.1      | 51.9       | 100      | 104       | 70-130 | 3            | 20  |         |      |
| Benzene                     | ug/L  | <0.00030 mg/L                                  | 50             | 50              | 44.3      | 46.7       | 89       | 93        | 70-130 | 5            | 20  |         |      |
| Bromodichloromethane        | ug/L  | <0.00021 mg/L                                  | 50             | 50              | 48.2      | 52.0       | 96       | 104       | 70-130 | 8            | 20  |         |      |
| Bromoform                   | ug/L  | <0.00043 mg/L                                  | 50             | 50              | 52.5      | 57.0       | 105      | 114       | 70-130 | 8            | 20  |         |      |
| Bromomethane                | ug/L  | <0.0012 mg/L                                   | 50             | 50              | 33.8      | 37.5       | 68       | 75        | 12-159 | 10           | 26  |         |      |
| Carbon tetrachloride        | ug/L  | <0.00037 mg/L                                  | 50             | 50              | 50.1      | 52.8       | 100      | 106       | 70-135 | 5            | 20  |         |      |
| Chlorobenzene               | ug/L  | <0.00086 mg/L                                  | 50             | 50              | 49.9      | 52.2       | 100      | 104       | 70-130 | 5            | 20  |         |      |
| Chloroethane                | ug/L  | <0.0014 mg/L                                   | 50             | 50              | 33.1      | 34.6       | 66       | 69        | 56-143 | 4            | 20  |         |      |
| Chloroform                  | ug/L  | <0.00050 mg/L                                  | 50             | 50              | 51.7      | 54.8       | 103      | 110       | 80-126 | 6            | 20  |         |      |
| Chloromethane               | ug/L  | <0.0016 mg/L                                   | 50             | 50              | 21.2      | 21.5       | 42       | 43        | 22-156 | 1            | 20  |         |      |
| cis-1,2-Dichloroethene      | ug/L  | 0.00096J mg/L                                  | 50             | 50              | 51.7      | 53.7       | 102      | 105       | 70-130 | 4            | 20  |         |      |
| cis-1,3-Dichloropropene     | ug/L  | <0.00024 mg/L                                  | 50             | 50              | 44.7      | 47.7       | 89       | 95        | 70-130 | 7            | 20  |         |      |
| Dibromochloromethane        | ug/L  | <0.0026 mg/L                                   | 50             | 50              | 52.1      | 55.5       | 104      | 111       | 70-130 | 6            | 20  |         |      |
| Dichlorodifluoromethane     | ug/L  | <0.00046 mg/L                                  | 50             | 50              | 10.8      | 10.6       | 22       | 21        | 10-147 | 2            | 20  |         |      |
| Ethylbenzene                | ug/L  | <0.00033 mg/L                                  | 50             | 50              | 47.1      | 48.3       | 94       | 97        | 80-126 | 3            | 20  |         |      |
| Isopropylbenzene (Cumene)   | ug/L  | <0.0010 mg/L                                   | 50             | 50              | 50.0      | 52.3       | 100      | 105       | 70-130 | 5            | 20  |         |      |
| m&p-Xylene                  | ug/L  | <0.00070 mg/L                                  | 100            | 100             | 95.3      | 98.2       | 95       | 98        | 70-130 | 3            | 20  |         |      |
| Methyl-tert-butyl ether     | ug/L  | <0.0011 mg/L                                   | 50             | 50              | 44.5      | 48.4       | 89       | 97        | 64-136 | 9            | 20  |         |      |
| Methylene Chloride          | ug/L  | <0.00032 mg/L                                  | 50             | 50              | 43.3      | 44.7       | 87       | 89        | 70-137 | 3            | 20  |         |      |
| o-Xylene                    | ug/L  | <0.00035 mg/L                                  | 50             | 50              | 47.2      | 48.8       | 94       | 98        | 70-130 | 3            | 20  |         |      |
| Styrene                     | ug/L  | <0.00036 mg/L                                  | 50             | 50              | 50.1      | 51.7       | 100      | 103       | 70-133 | 3            | 20  |         |      |

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

**REPORT OF LABORATORY ANALYSIS**

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



### QUALITY CONTROL DATA

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

| Parameter                  | Units | 40277295001      |                | 2707637         |           | 2707638    |          | % Rec | % Rec  | % Rec | Limits | RPD | Max RPD | Qual |
|----------------------------|-------|------------------|----------------|-----------------|-----------|------------|----------|-------|--------|-------|--------|-----|---------|------|
|                            |       | Result           | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec |       |        |       |        |     |         |      |
| Tetrachloroethene          | ug/L  | <0.00041<br>mg/L | 50             | 50              | 52.1      | 54.9       | 104      | 110   | 70-131 | 5     | 20     |     |         |      |
| Toluene                    | ug/L  | <0.00029<br>mg/L | 50             | 50              | 46.4      | 49.0       | 93       | 98    | 80-121 | 5     | 20     |     |         |      |
| trans-1,2-Dichloroethene   | ug/L  | <0.00053<br>mg/L | 50             | 50              | 50.6      | 54.9       | 101      | 110   | 70-135 | 8     | 20     |     |         |      |
| trans-1,3-Dichloropropene  | ug/L  | <0.00027<br>mg/L | 50             | 50              | 45.1      | 48.2       | 90       | 96    | 70-130 | 7     | 20     |     |         |      |
| Trichloroethene            | ug/L  | <0.00032<br>mg/L | 50             | 50              | 48.7      | 51.9       | 97       | 104   | 70-130 | 6     | 20     |     |         |      |
| Trichlorofluoromethane     | ug/L  | <0.00042<br>mg/L | 50             | 50              | 44.1      | 46.0       | 88       | 92    | 67-142 | 4     | 20     |     |         |      |
| Vinyl chloride             | ug/L  | <0.00017<br>mg/L | 50             | 50              | 24.9      | 25.1       | 50       | 50    | 45-147 | 1     | 20     |     |         |      |
| Xylene (Total)             | ug/L  | <0.0010<br>mg/L  | 150            | 150             | 142       | 147        | 95       | 98    | 70-130 | 3     | 20     |     |         |      |
| 1,2-Dichlorobenzene-d4 (S) | %     |                  |                |                 |           |            | 98       | 97    | 70-130 |       |        |     |         |      |
| 4-Bromofluorobenzene (S)   | %     |                  |                |                 |           |            | 100      | 97    | 70-130 |       |        |     |         |      |
| Toluene-d8 (S)             | %     |                  |                |                 |           |            | 98       | 97    | 70-130 |       |        |     |         |      |

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

### REPORT OF LABORATORY ANALYSIS

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



**QUALITY CONTROL DATA**

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

QC Batch: 472907

Analysis Method: EPA 8082A

QC Batch Method: EPA 3510

Analysis Description: 8082A GCS PCB Low Volume

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40277273001

METHOD BLANK: 2708816

Matrix: Water

Associated Lab Samples: 40277273001

| Parameter                | Units | Blank Result | Reporting Limit | Analyzed       | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| PCB-1016 (Aroclor 1016)  | ug/L  | <0.11        | 0.50            | 04/29/24 13:23 |            |
| PCB-1221 (Aroclor 1221)  | ug/L  | <0.11        | 0.50            | 04/29/24 13:23 |            |
| PCB-1232 (Aroclor 1232)  | ug/L  | <0.11        | 0.50            | 04/29/24 13:23 |            |
| PCB-1242 (Aroclor 1242)  | ug/L  | <0.11        | 0.50            | 04/29/24 13:23 |            |
| PCB-1248 (Aroclor 1248)  | ug/L  | <0.11        | 0.50            | 04/29/24 13:23 |            |
| PCB-1254 (Aroclor 1254)  | ug/L  | <0.11        | 0.50            | 04/29/24 13:23 |            |
| PCB-1260 (Aroclor 1260)  | ug/L  | <0.11        | 0.50            | 04/29/24 13:23 |            |
| Decachlorobiphenyl (S)   | %     | 50           | 10-132          | 04/29/24 13:23 |            |
| Tetrachloro-m-xylene (S) | %     | 60           | 41-120          | 04/29/24 13:23 |            |

LABORATORY CONTROL SAMPLE: 2708817

| Parameter                | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| PCB-1016 (Aroclor 1016)  | ug/L  |             | <0.11      |           |              |            |
| PCB-1221 (Aroclor 1221)  | ug/L  |             | <0.11      |           |              |            |
| PCB-1232 (Aroclor 1232)  | ug/L  |             | <0.11      |           |              |            |
| PCB-1242 (Aroclor 1242)  | ug/L  |             | <0.11      |           |              |            |
| PCB-1248 (Aroclor 1248)  | ug/L  |             | <0.11      |           |              |            |
| PCB-1254 (Aroclor 1254)  | ug/L  |             | <0.11      |           |              |            |
| PCB-1260 (Aroclor 1260)  | ug/L  | 5           | 4.5        | 90        | 70-120       |            |
| Decachlorobiphenyl (S)   | %     |             |            | 58        | 10-132       |            |
| Tetrachloro-m-xylene (S) | %     |             |            | 65        | 41-120       |            |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2708818 2708819

| Parameter               | Units | MS            |             | MSD         |        | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-------------------------|-------|---------------|-------------|-------------|--------|----------|-----------|--------------|-----|---------|------|
|                         |       | 40277382001   | Spike Conc. | Spike Conc. | Result |          |           |              |     |         |      |
| PCB-1016 (Aroclor 1016) | ug/L  | <0.00011 mg/L |             |             | <0.11  | <0.11    |           |              |     | 20      |      |
| PCB-1221 (Aroclor 1221) | ug/L  | <0.00011 mg/L |             |             | <0.11  | <0.11    |           |              |     | 20      |      |
| PCB-1232 (Aroclor 1232) | ug/L  | <0.00011 mg/L |             |             | <0.11  | <0.11    |           |              |     | 20      |      |
| PCB-1242 (Aroclor 1242) | ug/L  | <0.00011 mg/L |             |             | <0.11  | <0.11    |           |              |     | 20      |      |
| PCB-1248 (Aroclor 1248) | ug/L  | <0.00011 mg/L |             |             | <0.11  | <0.11    |           |              |     | 20      |      |
| PCB-1254 (Aroclor 1254) | ug/L  | <0.00011 mg/L |             |             | <0.11  | <0.11    |           |              |     | 20      |      |

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

**REPORT OF LABORATORY ANALYSIS**

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



**QUALITY CONTROL DATA**

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

| Parameter                | Units | 40277382001   |                | 2708818         |           | 2708819    |          | % Rec | % Rec  | % Rec | Limits | RPD | Max RPD | Qual |
|--------------------------|-------|---------------|----------------|-----------------|-----------|------------|----------|-------|--------|-------|--------|-----|---------|------|
|                          |       | Result        | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec |       |        |       |        |     |         |      |
| PCB-1260 (Aroclor 1260)  | ug/L  | <0.00011 mg/L | 4.9            | 4.9             | 4.3       | 4.3        | 88       | 87    | 70-120 | 1     | 20     |     |         |      |
| Decachlorobiphenyl (S)   | %     |               |                |                 |           |            | 85       | 83    | 10-132 |       |        |     |         |      |
| Tetrachloro-m-xylene (S) | %     |               |                |                 |           |            | 72       | 71    | 41-120 |       |        |     |         |      |

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

**REPORT OF LABORATORY ANALYSIS**

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





## QUALITY CONTROL DATA

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

QC Batch: 472671

Analysis Method: EPA 8270E by SIM

QC Batch Method: EPA 3510

Analysis Description: 8270E Water PAH

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40277273001

METHOD BLANK: 2707107

Matrix: Water

Associated Lab Samples: 40277273001

| Parameter              | Units | Blank Result | Reporting Limit | Analyzed       | Qualifiers |
|------------------------|-------|--------------|-----------------|----------------|------------|
| 1-Methylnaphthalene    | ug/L  | <0.018       | 0.050           | 04/26/24 13:10 |            |
| 2-Methylnaphthalene    | ug/L  | <0.014       | 0.050           | 04/26/24 13:10 |            |
| Acenaphthene           | ug/L  | <0.014       | 0.050           | 04/26/24 13:10 |            |
| Acenaphthylene         | ug/L  | <0.013       | 0.050           | 04/26/24 13:10 |            |
| Anthracene             | ug/L  | <0.018       | 0.050           | 04/26/24 13:10 |            |
| Benzo(a)anthracene     | ug/L  | <0.014       | 0.050           | 04/26/24 13:10 |            |
| Benzo(a)pyrene         | ug/L  | <0.013       | 0.050           | 04/26/24 13:10 |            |
| Benzo(b)fluoranthene   | ug/L  | <0.0091      | 0.050           | 04/26/24 13:10 |            |
| Benzo(g,h,i)perylene   | ug/L  | <0.023       | 0.050           | 04/26/24 13:10 |            |
| Benzo(k)fluoranthene   | ug/L  | <0.022       | 0.050           | 04/26/24 13:10 |            |
| Chrysene               | ug/L  | <0.013       | 0.050           | 04/26/24 13:10 |            |
| Dibenz(a,h)anthracene  | ug/L  | <0.018       | 0.050           | 04/26/24 13:10 |            |
| Fluoranthene           | ug/L  | <0.026       | 0.050           | 04/26/24 13:10 |            |
| Fluorene               | ug/L  | <0.024       | 0.050           | 04/26/24 13:10 |            |
| Indeno(1,2,3-cd)pyrene | ug/L  | <0.016       | 0.050           | 04/26/24 13:10 |            |
| Naphthalene            | ug/L  | <0.020       | 0.050           | 04/26/24 13:10 |            |
| Phenanthrene           | ug/L  | <0.026       | 0.050           | 04/26/24 13:10 |            |
| Pyrene                 | ug/L  | <0.023       | 0.050           | 04/26/24 13:10 |            |
| 2-Fluorobiphenyl (S)   | %     | 62           | 38-120          | 04/26/24 13:10 |            |
| Terphenyl-d14 (S)      | %     | 53           | 47-121          | 04/26/24 13:10 |            |

LABORATORY CONTROL SAMPLE: 2707108

| Parameter              | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1-Methylnaphthalene    | ug/L  | 2           | 1.5        | 73        | 57-120       |            |
| 2-Methylnaphthalene    | ug/L  | 2           | 1.4        | 72        | 55-120       |            |
| Acenaphthene           | ug/L  | 2           | 1.4        | 72        | 60-120       |            |
| Acenaphthylene         | ug/L  | 2           | 1.5        | 75        | 58-120       |            |
| Anthracene             | ug/L  | 2           | 1.6        | 78        | 58-120       |            |
| Benzo(a)anthracene     | ug/L  | 2           | 1.7        | 83        | 51-120       |            |
| Benzo(a)pyrene         | ug/L  | 2           | 1.5        | 77        | 59-120       |            |
| Benzo(b)fluoranthene   | ug/L  | 2           | 1.7        | 84        | 52-120       |            |
| Benzo(g,h,i)perylene   | ug/L  | 2           | 1.8        | 88        | 62-120       |            |
| Benzo(k)fluoranthene   | ug/L  | 2           | 1.6        | 81        | 59-120       |            |
| Chrysene               | ug/L  | 2           | 1.6        | 80        | 55-125       |            |
| Dibenz(a,h)anthracene  | ug/L  | 2           | 1.7        | 86        | 60-120       |            |
| Fluoranthene           | ug/L  | 2           | 1.7        | 85        | 62-120       |            |
| Fluorene               | ug/L  | 2           | 1.5        | 74        | 61-120       |            |
| Indeno(1,2,3-cd)pyrene | ug/L  | 2           | 1.7        | 84        | 62-120       |            |

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

## REPORT OF LABORATORY ANALYSIS

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



**QUALITY CONTROL DATA**

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

LABORATORY CONTROL SAMPLE: 2707108

| Parameter            | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------|-------|-------------|------------|-----------|--------------|------------|
| Naphthalene          | ug/L  | 2           | 1.5        | 73        | 55-120       |            |
| Phenanthrene         | ug/L  | 2           | 1.6        | 78        | 55-120       |            |
| Pyrene               | ug/L  | 2           | 1.4        | 68        | 53-120       |            |
| 2-Fluorobiphenyl (S) | %     |             |            | 65        | 38-120       |            |
| Terphenyl-d14 (S)    | %     |             |            | 64        | 47-121       |            |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2707493 2707494

| Parameter              | Units | MS                 |             | MSD         |           | MS % Rec | MSD % Rec | % Rec Limits | RPD    | Max RPD | Qual |
|------------------------|-------|--------------------|-------------|-------------|-----------|----------|-----------|--------------|--------|---------|------|
|                        |       | 40277325003 Result | Spike Conc. | Spike Conc. | MS Result |          |           |              |        |         |      |
| 1-Methylnaphthalene    | ug/L  | <0.018             | 2           | 2.1         | 1.3       | 1.4      | 66        | 69           | 32-120 | 7       | 25   |
| 2-Methylnaphthalene    | ug/L  | <0.014             | 2           | 2.1         | 1.3       | 1.4      | 65        | 68           | 37-120 | 6       | 22   |
| Acenaphthene           | ug/L  | <0.014             | 2           | 2.1         | 1.4       | 1.5      | 68        | 71           | 52-120 | 7       | 20   |
| Acenaphthylene         | ug/L  | <0.013             | 2           | 2.1         | 1.4       | 1.5      | 70        | 73           | 49-120 | 6       | 20   |
| Anthracene             | ug/L  | <0.019             | 2           | 2.1         | 1.5       | 1.6      | 75        | 77           | 45-120 | 5       | 25   |
| Benzo(a)anthracene     | ug/L  | 0.084              | 2           | 2.1         | 1.6       | 1.7      | 78        | 81           | 31-120 | 6       | 25   |
| Benzo(a)pyrene         | ug/L  | 0.13               | 2           | 2.1         | 1.7       | 1.9      | 79        | 84           | 38-120 | 7       | 24   |
| Benzo(b)fluoranthene   | ug/L  | 0.25               | 2           | 2.1         | 1.9       | 2.0      | 81        | 86           | 36-120 | 7       | 24   |
| Benzo(g,h,i)perylene   | ug/L  | 0.14               | 2           | 2.1         | 1.8       | 2.0      | 85        | 89           | 43-120 | 7       | 23   |
| Benzo(k)fluoranthene   | ug/L  | 0.099              | 2           | 2.1         | 1.6       | 1.7      | 76        | 80           | 46-120 | 8       | 21   |
| Chrysene               | ug/L  | 0.17               | 2           | 2.1         | 1.7       | 1.9      | 77        | 82           | 39-143 | 8       | 23   |
| Dibenz(a,h)anthracene  | ug/L  | 0.025J             | 2           | 2.1         | 1.7       | 1.7      | 82        | 83           | 32-125 | 4       | 22   |
| Fluoranthene           | ug/L  | 0.32               | 2           | 2.1         | 2.0       | 2.3      | 86        | 95           | 56-120 | 11      | 21   |
| Fluorene               | ug/L  | <0.024             | 2           | 2.1         | 1.4       | 1.5      | 72        | 74           | 45-120 | 6       | 20   |
| Indeno(1,2,3-cd)pyrene | ug/L  | 0.14               | 2           | 2.1         | 2.0       | 2.1      | 93        | 95           | 42-120 | 5       | 23   |
| Naphthalene            | ug/L  | <0.020             | 2           | 2.1         | 1.3       | 1.4      | 65        | 68           | 50-120 | 7       | 23   |
| Phenanthrene           | ug/L  | 0.12               | 2           | 2.1         | 1.6       | 1.8      | 75        | 80           | 47-120 | 9       | 21   |
| Pyrene                 | ug/L  | 0.21               | 2           | 2.1         | 1.6       | 1.8      | 68        | 76           | 47-120 | 12      | 23   |
| 2-Fluorobiphenyl (S)   | %     |                    |             |             |           |          | 61        | 66           | 38-120 |         |      |
| Terphenyl-d14 (S)      | %     |                    |             |             |           |          | 62        | 65           | 47-121 |         |      |

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

**REPORT OF LABORATORY ANALYSIS**

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



## QUALIFIERS

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

---

### DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

1q This sample was sub-sampled from a 1-liter jar for a 100 ml extraction.

## REPORT OF LABORATORY ANALYSIS

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



### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690023383 BECHER ST

Pace Project No.: 40277273

| Lab ID      | Sample ID  | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|------------|-----------------|----------|-------------------|------------------|
| 40277273001 | UST PIT GW | EPA 3510        | 472907   | EPA 8082A         | 472960           |
| 40277273001 | UST PIT GW | EPA 3010A       | 472673   | EPA 6020B         | 473005           |
| 40277273001 | UST PIT GW | EPA 7470        | 473029   | EPA 7470          | 473104           |
| 40277273001 | UST PIT GW | EPA 3510        | 472671   | EPA 8270E by SIM  | 472780           |
| 40277273001 | UST PIT GW | EPA 8260        | 472747   |                   |                  |

### REPORT OF LABORATORY ANALYSIS

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



# CHAIN-OF-CUSTODY / Analytical Request Document

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

40277273

**Section A**

Required Client Information:  
 Company: ~~O'Brien and Gere Engineering, Inc.~~  
 Address: 234 W. Florida St  
 Milwaukee, WI  
 Email To: ~~OGSdata@OGE.com~~ Ric Maz  
 Phone: ~~262-749-5286~~  
 Requested Due Date/TAT: ~~standard~~ Rush 3-Day TAT

**Section B**

Required Project Information  
 Report To: ~~OGSdata@OGE.com~~  
 Copy To: ~~Brian Hennings~~  
 Purchase Order No.:  
 Project Name: ~~City Gas Former MGP Site~~ Becker St  
 Project Number: ~~67004404~~ 1690023383

**Section C**

Invoice Information  
 Attention: ~~Brian Hennings~~ Ric Maz  
 Company Name: ~~O'Brien and Gere Engineering, Inc.~~ Ramboll  
 Address: 234 W. Florida St, Milwaukee, WI  
 Pace Quote Reference:  
 Pace Project Manager: Steve Maczko  
 Pace Profile #:

Page: 1 of 1

**REGULATORY AGENCY**  
 NPDES  GROUND WATER  DRINKING WATER  
 UST  RCRA  OTHER \_\_\_\_\_  
 Site Location: WI  
 STATE: WI

| ITEM # | Section D<br>Required Client Information | Valid Matrix Codes<br>MATRIX CODE | COLLECTED                                                           | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives                                                                                                                                                 | Requested Analysis Filtered (Y/N) |      |      |      |               |   |   |   |   |   |   | Residual Chlorine (Y/N) | Pace Project No./ Lab I.D. |   |
|--------|------------------------------------------|-----------------------------------|---------------------------------------------------------------------|---------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------|------|------|---------------|---|---|---|---|---|---|-------------------------|----------------------------|---|
|        |                                          |                                   |                                                                     |                           |                 |                                                                                                                                                               | DATE                              | TIME | DATE | TIME | Analysis Test | N | N | N | N | N | N |                         |                            | Y |
| 1      | UST P+E GW                               |                                   | COMPOSITE START: NA, TIME: NA; COMPOSITE END/GRAB: 4/23, TIME: 9:00 |                           | 6               | Unpreserved: 2; H <sub>2</sub> SO <sub>4</sub> : 1; HNO <sub>3</sub> : 3; HCl: ; NaOH: ; Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : ; Methanol: ; Other: | X                                 | X    | X    |      |               |   |   |   |   |   | X |                         | 001                        |   |
| 2      |                                          |                                   |                                                                     |                           |                 |                                                                                                                                                               |                                   |      |      |      |               |   |   |   |   |   |   |                         |                            |   |
| 3      |                                          |                                   |                                                                     |                           |                 |                                                                                                                                                               |                                   |      |      |      |               |   |   |   |   |   |   |                         |                            |   |
| 4      |                                          |                                   |                                                                     |                           |                 |                                                                                                                                                               |                                   |      |      |      |               |   |   |   |   |   |   |                         |                            |   |
| 5      |                                          |                                   |                                                                     |                           |                 |                                                                                                                                                               |                                   |      |      |      |               |   |   |   |   |   |   |                         |                            |   |
| 6      |                                          |                                   |                                                                     |                           |                 |                                                                                                                                                               |                                   |      |      |      |               |   |   |   |   |   |   |                         |                            |   |
| 7      |                                          |                                   |                                                                     |                           |                 |                                                                                                                                                               |                                   |      |      |      |               |   |   |   |   |   |   |                         |                            |   |
| 8      |                                          |                                   |                                                                     |                           |                 |                                                                                                                                                               |                                   |      |      |      |               |   |   |   |   |   |   |                         |                            |   |
| 9      |                                          |                                   |                                                                     |                           |                 |                                                                                                                                                               |                                   |      |      |      |               |   |   |   |   |   |   |                         |                            |   |
| 10     |                                          |                                   |                                                                     |                           |                 |                                                                                                                                                               |                                   |      |      |      |               |   |   |   |   |   |   |                         |                            |   |
| 11     |                                          |                                   |                                                                     |                           |                 |                                                                                                                                                               |                                   |      |      |      |               |   |   |   |   |   |   |                         |                            |   |
| 12     |                                          |                                   |                                                                     |                           |                 |                                                                                                                                                               |                                   |      |      |      |               |   |   |   |   |   |   |                         |                            |   |

| ADDITIONAL COMMENTS                | RELINQUISHED BY / AFFILIATION | DATE    | TIME  | ACCEPTED BY / AFFILIATION | DATE     | TIME  | SAMPLE CONDITIONS |   |   |   |
|------------------------------------|-------------------------------|---------|-------|---------------------------|----------|-------|-------------------|---|---|---|
| Diss. RCRA Metals already filtered | Steven Kikert / Ramboll       | 4/23/24 | 10:45 | Susan Williams / State    | 04/24/24 | 09:15 | 1.5               | Y | N | Y |

|                                            |  |                                  |            |                       |                             |                      |
|--------------------------------------------|--|----------------------------------|------------|-----------------------|-----------------------------|----------------------|
| SAMPLER NAME AND SIGNATURE                 |  |                                  | Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
| PRINT Name of SAMPLER: Steven Kikert       |  |                                  |            |                       |                             |                      |
| SIGNATURE of SAMPLER: <i>Steven Kikert</i> |  | DATE Signed (MM/DD/YY): 04/23/24 |            |                       |                             |                      |



Sample Condition Upon Receipt Form (SCUR)

Client Name: Ramboll

Project #:

WO#: 40277273



40277273

Courier:  USPS Logistics  Fed Ex  Speedee  UPS  Walco  
 Client  Pace Other: \_\_\_\_\_

Tracking #: \_\_\_\_\_

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

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

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used SR - 137 Type of Ice: Wet Blue Dry None  Meltwater Only

Cooler Temperature Uncorr: 1.5 / Corr: 1.5

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

Person examining contents:  
 Date: 04/04/24 / Initials: SKC  
 Labeled By Initials: YJA

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

|                                                                                                                                                                                            |                                                                                                  |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------|
| Chain of Custody Present:                                                                                                                                                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 1.        |
| Chain of Custody Filled Out:                                                                                                                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 2.        |
| 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 checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 7.        |
| Sufficient Volume:                                                                                                                                                                         |                                                                                                  | 8.        |
| For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |                                                                                                  |           |
| 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 11.       |
| Sample Labels match COC:                                                                                                                                                                   | <input checked="" 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 checked="" 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