

November 24, 2025

Mr. Michael W. Smith, P.E.  
IDNR – Land Quality Bureau  
6200 Park Avenue, Suite 200  
Des Moines, Iowa 50321



**RE: 1945 LANDFILL - NEWTON SANITARY LANDFILL  
2025 ANNUAL WATER QUALITY REPORT & LANDFILL GAS REPORT  
PERMIT # 50-SDP-1-75P**

Dear Mr. Smith:

This letter forwards the results of water quality testing and explosive gas monitoring at the 1945 Landfill – Newton Sanitary Landfill that were performed in accordance with the Revised Permit dated December 20, 2023 (Doc #108517).

**Hydrologic Monitoring System Plan (HMSP) & Gas Monitoring System Plan (GMSP)**

- 1) Based on the discovery of VOC in SW-101R in 2019, a Passive Engineered Conveyance Structure (PECS) was constructed to remedy the water quality in accordance with the IDNR Memorandum of Understanding dated August 7, 2012. Construction Certification of the PECS was submitted to IDNR on May 7, 2020 (Doc #97694). Monitoring point PECS-1 was added to the HMSP in 2021 to document the absence of VOC in water as it discharges from the PECS. Note that prior to 2019, no VOC were detected at SW-101R. The historic water quality (prior to 2019) is designated under point SW-101.
- 2) Monitoring Well MW-45 was plugged on May 24, 2021, and replaced with MW-45R in the HMSP. This was approved on June 8, 2021 (Doc #100635).
- 3) On March 12, 2025, and September 3, 2025, each point in the HMSP (Figure 1, 2 & 3) for the 1945 Landfill was sampled in accordance with the Revised Permit dated December 20, 2023 (Doc #108517). Each sample was analyzed for parameters listed in Appendix I and/or Appendix II, IAC 567, Chapter 113.
- 4) Water Elevation Measurements were collected at each well at the time of sample collection. Figure 3 is attached illustrating the Groundwater Contours across the site.
- 5) Liquid levels in leachate piezometers LPZ-209, LPZ-210, and LPZ-211 were measured in 2025 according to the Permit. The IDNR letter dated October 5, 2020 (Doc #98580) allowed the frequency of leachate head measurements in leachate piezometers LPZ-209, LPZ-210, and LPZ-211 to be reduced from monthly to quarterly.
- 6) Explosive Gas was monitored quarterly in site structures and in subsurface gas probes 1-10 as approved by Permit Special Provision 5.
- 7) A Monitoring Well Maintenance Performance Reevaluation (MWMPR) is due every five (5) years. The most recent was submitted to IDNR May 11, 2021 (Doc #100448). The MWMPR concluded that all wells were performing satisfactorily and that no changes to the HMSP were necessary. The next MWMPR is due in 2026.

**Results of the HMSP Activities**

The Analytical Reports for March 12, 2025, and September 3, 2025 sample analyses from the 1945 Landfill are included in Attachment A. A summary of the results is also included in Attachment A. The Field Sampling Forms for each sample collection event are included in Attachment B. Note that MW-45 was plugged and abandoned on May 24, 2021, and replaced with MW45R. MW-45R has been dry since installation and is discussed further in a later section of this report.

### PECS Performance

Review of the current year data indicates that no VOC were detected in PECS-1 on March 12, 2025, and that no VOC were detected in PECS-1 on September 3, 2025. The data indicate that the PECS is performing satisfactorily.

A summary of water quality testing follows.

| Date       | MW-44       | MW-45<br>MW-45R | MW-56       | MW-57       | MW-64       | MW-65       | SW-101R     |
|------------|-------------|-----------------|-------------|-------------|-------------|-------------|-------------|
| 9/14/2016  | Appendix I  | Appendix I      | Appendix II | Appendix I  | Appendix II | Appendix II | ---         |
| 9/8/2017   | Appendix I  | Appendix I      | Appendix I  | Appendix I  | Appendix I  | Appendix I  | ---         |
| 12/5/2017  | As, Co      | ---             | Ni          | Ba          | ---         | ---         | ---         |
| 3/19/2018  | Appendix I  | Appendix I      | Appendix I  | Appendix I  | Appendix I  | Appendix I  | ---         |
| 9/11/2018  | Appendix I  | Appendix I      | Appendix I  | Appendix I  | Appendix I  | Appendix I  | ---         |
| 3/26/2019  | Appendix II | Appendix I      | Appendix I  | Appendix I  | Appendix II | Appendix II | ---         |
| 9/4/2019   | Appendix I  | Appendix I      | Appendix I  | Appendix I  | Appendix I  | Appendix I  | ---         |
| 3/26/2020  | Appendix II | Appendix II     | Appendix I  | Appendix I  | Appendix I  | Appendix I  | Appendix II |
| 6/18/2020  | ---         | ---             | ---         | Ba, Cu      | ---         | ---         | ---         |
| 9/15/2020  | Appendix I  | Appendix I      | Appendix I  | Appendix I  | Appendix I  | Appendix I  | Appendix I  |
| 12/3/2020  | ---         | Co              | ---         | Ba          | ---         | ---         | ---         |
| 3/2/2021   | Appendix I  | Broken          | Appendix I  | Appendix I  | Appendix I  | Appendix I  | Appendix II |
| 9/7/2021   | Appendix I  | Dry             | Appendix II | Appendix I  | Appendix I  | Appendix I  | Appendix I  |
| 3/24/2022  | Appendix I  | Dry             | Appendix I  | Appendix I  | Appendix I  | Appendix I  | Appendix I  |
| 6/13/2022  | ---         | ---             | ---         | ---         | ---         | ---         | As          |
| 8/31/2022  | Appendix I  | Dry             | Appendix I  | Appendix I  | Appendix I  | Appendix I  | Appendix I  |
| 11/15/2022 | ---         | ---             | ---         | Ba, Cu      | ---         | ---         | ---         |
| 3/2/2023   | Appendix I  | Dry             | Appendix I  | Appendix II | Appendix I  | Appendix I  | Appendix I  |
| 9/12/2023  | Appendix I  | Dry             | Appendix I  | Appendix I  | Appendix I  | Appendix I  | Appendix I  |
| 3/4/2024   | Appendix I  | Dry             | Appendix I  | Appendix I  | Appendix I  | Appendix I  | Appendix I  |
| 9/23/2024  | Appendix I  | Dry             | Appendix I  | Appendix I  | Appendix I  | Appendix I  | Appendix I  |
| 3/12/2025  | Appendix II | Dry             | Appendix I  | Appendix II | Appendix I  | Appendix I  | Appendix I  |
| 9/3/2025   | Appendix I  | Dry             | Appendix I  | Appendix I  | Appendix I  | Appendix I  | Appendix I  |

MW-44, MW-56, MW-64, MW-65, and SW-101R are part of on-going approved corrective actions and full Appendix II sampling is no longer required at the referenced sampling points.

Review of the current year's data indicates that a total of ten (10) different compounds were detected at this site based on the downgradient wells sampled. A summary of detected compounds (to date) from the Appendix I/Appendix II list and the reported concentration at each monitoring well is also included in Attachment A.

Barium, cobalt, nickel, and zinc are generally detected at all site monitoring wells during each year. The remaining inorganic compounds, when detected, are reported less frequently at far fewer wells.

Note that no compounds exclusive to the Appendix II list have been detected to date, only Appendix I compounds have been detected. The exception to this statement is the single detection of bis(2-ethylhexyl) phthalate at MW-57 on March 2, 2023 (7.0 ug/L).

Review of the Summary of Appendix I Detections (Attachment A) indicates that VOC detections are restricted to well MW-56, MW-64, and SW-101R. MW-56 has been tested for supplemental VOC since May 10, 1995 (Amendment #2 to the December 29, 1994 Permit). MW-64 and MW-65 have been tested for supplemental VOC since March 24, 1998 (Amendment #1 to the December 29, 1997 Permit). The supplemental VOC associated with the Appendix II sampling list was performed at MW-64 and MW-65 on March 14, 2016, and on March 26, 2019. The supplemental VOC associated with the Appendix II sampling list was performed at SW-101R on March 26, 2020, and on March 2, 2021. No additional VOC were detected at MW-64, MW-65, or SW-101R.

Compound concentrations that exceeded the Prediction limit in 2025 are summarized as:

**MW-44** – arsenic, cobalt, copper, nickel

**MW-56** – none

**MW-57** – none

**MW-64** – vinyl chloride, 1,1-dichloroethane, cis-1,2-dichloroethene, arsenic, cobalt, nickel

**MW-65** – arsenic, cobalt, copper, nickel, zinc

**SW-101R** - vinyl chloride, cis-1,2-dichloroethene

#### ***Comparison to GWPS***

VOC - VOC concentrations are not detected at MW-44, MW-45R, MW-57, or MW-65. All reported VOC concentrations at MW-56, MW-64, and SW—101R have been below the Statewide Standard for Protected Groundwater included in IAC 567, Chapter 137, the groundwater protection standard (GWPS), except for vinyl chloride at MW-56, MW-64, and SW-101R. In 2025, only SW-101R demonstrated a vinyl chloride concentration greater than the GWPS of 2.0 ug/L.

MW-56 - 9/14/2016 – vinyl chloride (2.8 ug/L), exceeds the GWPS of 2.0 ug/L  
9/08/2017 - vinyl chloride (4.2 ug/L), exceeds the GWPS of 2.0 ug/L  
9/07/2021 - vinyl chloride (2.2 ug/L), exceeds the GWPS of 2.0 ug/L

MW-64 - 9/14/2016 – vinyl chloride (23.7 ug/L), exceeds the GWPS of 2.0 ug/L  
9/08/2017 - vinyl chloride (17.4 ug/L), exceeds the GWPS of 2.0 ug/L  
3/19/2018 - vinyl chloride (14.4 ug/L), exceeds the GWPS of 2.0 ug/L  
9/11/2018 - vinyl chloride (7.9 ug/L), exceeds the GWPS of 2.0 ug/L  
3/26/2019 - vinyl chloride (7.0 ug/L), exceeds the GWPS of 2.0 ug/L  
9/4/2019 - vinyl chloride (5.6 ug/L), exceeds the GWPS of 2.0 ug/L  
3/26/2020 - vinyl chloride (3.7 ug/L), exceeds the GWPS of 2.0 ug/L  
9/15/2020 - vinyl chloride (5.6 ug/L), exceeds the GWPS of 2.0 ug/L  
3/2/2021 - vinyl chloride (3.4 ug/L), exceeds the GWPS of 2.0 ug/L  
9/7/2021 - vinyl chloride (2.6 ug/L), exceeds the GWPS of 2.0 ug/L  
3/4/2024 - vinyl chloride (2.7 ug/L), exceeds the GWPS of 2.0 ug/L

SW-101R - 9/7/2021 - vinyl chloride (4.6 ug/L), exceeds the GWPS of 2.0 ug/L  
3/24/2022 - vinyl chloride (6.5 ug/L), exceeds the GWPS of 2.0 ug/L  
8/31/2022 - vinyl chloride (3.9 ug/L), exceeds the GWPS of 2.0 ug/L  
3/2/2023 - vinyl chloride (5.9 ug/L), exceeds the GWPS of 2.0 ug/L  
9/12/2023 - vinyl chloride (4.4 ug/L), exceeds the GWPS of 2.0 ug/L  
3/4/2024 - vinyl chloride (5.3 ug/L), exceeds the GWPS of 2.0 ug/L  
9/23/2024 - vinyl chloride (3.1 ug/L), exceeds the GWPS of 2.0 ug/L  
9/3/2025 - vinyl chloride (3.3 ug/L), exceeds the GWPS of 2.0 ug/L

Further evaluation of the vinyl chloride at MW-56 and MW-64 is included in the Remedial Action Effectiveness Evaluation section (page 6) of this report in accordance with IDNR requirements set forth in the June 6, 2019 Letter (Doc #95334).

Water quality analyses at PECS-1 (the passive engineered conveyance system below SW-101R) indicate that VOC compounds (including vinyl chloride) are undetected to date and are reported as less than the method reporting limit (1 ug/L).

Inorganic Compounds - Cobalt is detected in the background at concentrations that exceed the GWPS, indicating that cobalt is native to groundwater in the region and the Site-Specific GWPS is warranted, as the prediction limit exceeds the Statewide Standard. For this site 0.0069 mg/L is utilized as the Site-Specific GWPS (a value equal to the Prediction Limit derived from the background). Use of a Site-Specific GWPS was approved by IDNR on May 23, 2018 (Doc # 92438).

Results of Appendix I analyses at the site monitoring wells indicate the following inorganic compound concentrations that exceed the GWPS (also highlighted in yellow in the Summary Table in Attachment A).

MW-44 - 9/08/2017 - cobalt (7.3 ug/L), exceeds the GWPS of 6.9 ug/L  
3/19/2018 - cobalt (8.9 ug/L), exceeds the GWPS of 6.9 ug/L  
9/11/2018 - cobalt (8.4 ug/L), exceeds the GWPS of 6.9 ug/L  
3/26/2019 - cobalt (10.2 ug/L), exceeds the GWPS of 6.9 ug/L  
9/4/2019 - cobalt (8.7 ug/L), exceeds the GWPS of 6.9 ug/L  
3/26/2020 - cobalt (9.2 ug/L), exceeds the GWPS of 6.9 ug/L  
9/15/2020 - cobalt (14.5 ug/L), exceeds the GWPS of 6.9 ug/L  
3/2/2021 - cobalt (8.8 ug/L), exceeds the GWPS of 6.9 ug/L  
9/7/2021 - cobalt (8.1 ug/L), exceeds the GWPS of 6.9 ug/L  
3/24/2022 - cobalt (11.0 ug/L), exceeds the GWPS of 6.9 ug/L  
8/31/2022 - cobalt (11.6 ug/L), exceeds the GWPS of 6.9 ug/L  
3/2/2023 - cobalt (8.8 ug/L), exceeds the GWPS of 6.9 ug/L  
9/12/2023 - cobalt (10.7 ug/L), exceeds the GWPS of 6.9 ug/L  
3/4/2024 - cobalt (9.7 ug/L), exceeds the GWPS of 6.9 ug/L  
9/23/2024 - cobalt (10.3 ug/L), exceeds the GWPS of 6.9 ug/L  
3/12/2025 - cobalt (10.3 ug/L), exceeds the GWPS of 6.9 ug/L  
9/3/2025 - cobalt (8.9 ug/L), exceeds the GWPS of 6.9 ug/L  
  
9/15/2020 - arsenic (13.1 ug/L), exceeds the GWPS of 10.0 ug/L  
9/12/2023 - arsenic (10.8 ug/L), exceeds the GWPS of 10.0 ug/L  
9/23/2024 - arsenic (11.9 ug/L), exceeds the GWPS of 10.0 ug/L

MW-64 - 9/14/2016 - cobalt (27.0 ug/L), exceeds the GWPS of 6.9 ug/L  
9/08/2017 - cobalt (34.4 ug/L), exceeds the GWPS of 6.9 ug/L  
3/19/2018 - cobalt (19.1 ug/L), exceeds the GWPS of 6.9 ug/L  
9/11/2018 - cobalt (25.1 ug/L), exceeds the GWPS of 6.9 ug/L  
3/26/2019 - cobalt (16.1 ug/L), exceeds the GWPS of 6.9 ug/L  
9/4/2019 - cobalt (23.0 ug/L), exceeds the GWPS of 6.9 ug/L  
3/26/2020 - cobalt (14.7 ug/L), exceeds the GWPS of 6.9 ug/L  
9/15/2020 - cobalt (20.8 ug/L), exceeds the GWPS of 6.9 ug/L  
3/2/2021 - cobalt (14.6 ug/L), exceeds the GWPS of 6.9 ug/L  
9/7/2021 - cobalt (21.0 ug/L), exceeds the GWPS of 6.9 ug/L  
3/24/2022 - cobalt (11.8 ug/L), exceeds the GWPS of 6.9 ug/L  
8/31/2022 - cobalt (21.6 ug/L), exceeds the GWPS of 6.9 ug/L  
3/2/2023 - cobalt (11.0 ug/L), exceeds the GWPS of 6.9 ug/L



9/12/2023 - cobalt (18.7 ug/L), exceeds the GWPS of 6.9 ug/L  
3/4/2024 - cobalt (12.0 ug/L), exceeds the GWPS of 6.9 ug/L  
9/23/2024 - cobalt (17.9 ug/L), exceeds the GWPS of 6.9 ug/L  
3/12/2025 - cobalt (11.1 ug/L), exceeds the GWPS of 6.9 ug/L  
9/3/2025 - cobalt (15.9 ug/L), exceeds the GWPS of 6.9 ug/L

9/14/2016 - arsenic (21.6 ug/L), exceeds the GWPS of 10.0 ug/L  
3/19/2018 - arsenic (19.3 ug/L), exceeds the GWPS of 10.0 ug/L  
9/11/2018 - arsenic (24.2 ug/L), exceeds the GWPS of 10.0 ug/L  
3/26/2019 - arsenic (40.2 ug/L), exceeds the GWPS of 10.0 ug/L  
9/4/2019 - arsenic (22.2 ug/L), exceeds the GWPS of 10.0 ug/L  
3/26/2020 - arsenic (40.3 ug/L), exceeds the GWPS of 10.0 ug/L  
9/15/2020 - arsenic (21.1 ug/L), exceeds the GWPS of 10.0 ug/L  
3/2/2021 - arsenic (20.2 ug/L), exceeds the GWPS of 10.0 ug/L  
9/7/2021 - arsenic (25.2 ug/L), exceeds the GWPS of 10.0 ug/L  
3/24/2022 - arsenic (19.2 ug/L), exceeds the GWPS of 10.0 ug/L  
8/31/2022 - arsenic (27.4 ug/L), exceeds the GWPS of 10.0 ug/L  
3/2/2023 - arsenic (26.4 ug/L), exceeds the GWPS of 10.0 ug/L  
9/12/2023 - arsenic (23.1 ug/L), exceeds the GWPS of 10.0 ug/L  
3/4/2024 - arsenic (29.6 ug/L), exceeds the GWPS of 10.0 ug/L  
9/23/2024 - arsenic (30.6 ug/L), exceeds the GWPS of 10.0 ug/L  
3/12/2025 - arsenic (25.7 ug/L), exceeds the GWPS of 10.0 ug/L  
9/3/2025 - arsenic (23.5 ug/L), exceeds the GWPS of 10.0 ug/L

MW-65 - 9/14/2016 - cobalt (10.7 ug/L), exceeds the GWPS of 6.9 ug/L  
3/19/2018 - cobalt (8.8 ug/L), exceeds the GWPS of 6.9 ug/L  
9/11/2018 - cobalt (11.3 ug/L), exceeds the GWPS of 6.9 ug/L  
3/26/2019 - cobalt (10.0 ug/L), exceeds the GWPS of 6.9 ug/L  
3/2/2023 - cobalt (9.3 ug/L), exceeds the GWPS of 6.9 ug/L  
3/4/2024 - cobalt (9.2 ug/L), exceeds the GWPS of 6.9 ug/L  
9/3/2025 - cobalt (15.6 ug/L), exceeds the GWPS of 6.9 ug/L

9/3/2025 - arsenic (13.2 ug/L), exceeds the GWPS of 10.0 ug/L

There have been no inorganic compound concentrations detected to date at MW-56, MW-57, or SW-101R that have exceeded a GWPS.

### ***Confidence Limit Comparisons***

The compounds with detections that exceed the current site prediction limits (highlighted in red text in the Summary Table in Attachment A) have the 95% lower confidence limits (LCL) calculated in accordance with the 2009 Unified Guidance for Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities by US EPA. The 95% LCL values are compared to applicable GWPS. Any 95% LCL value that exceeds an applicable GWPS is recorded as an SSL.

The confidence limit calculations are based on the most recent four (4) results and afford the values to be presented as a running trend. The Fall, 2025 results are as follows:

MW-44      arsenic 95% LCL (3.478 ug/L) is below the GWPS of 10.0 ug/L.  
cobalt 95% LCL (9.02 ug/L) exceeds the Site Specific GWPS of 6.9 ug/L.  
copper 95% LCL (0.000 ug/L) is below the GWPS of 1300.0 ug/L  
nickel 95% LCL (8.828 ug/L) is below the GWPS of 100.0 ug/L.  
zinc 95% LCL (4.98 ug/L) is below the GWPS of 2,000.0 ug/L.

|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MW-56   | vinyl chloride 95% LCL (0.500 ug/L) is below the GWPS of 2.0 ug/L.<br>1,1-DCA 95% LCL (0.124 ug/L) is below the GWPS of 140.0 ug/L.<br>benzene 95% LCL (0.500 ug/L) is below the GWPS of 5.0 ug/L.<br>nickel 95% LCL (2.362 ug/L) is below the GWPS of 100.0 ug/L.<br>zinc 95% LCL (8.884 ug/L) is below the GWPS of 2,000.0 ug/L.                                                                                                                                                                                                                                             |
| MW-57   | barium 95% LCL (197.894 ug/L) is below the GWPS of 2,000.0 ug/L.<br>copper 95% LCL (2.000 ug/L) is below the GWPS of 1,300.0 ug/L.                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MW-64   | vinyl chloride 95% LCL (0.508 ug/L) is below the GWPS of 2.0 ug/L.<br>1,1-DCA 95% LCL (1.498 ug/L) is below the GWPS of 140.0 ug/L.<br>Cis-1,2-dichloroethene 95% LCL (1.833 ug/L) is below the GWPS of 70.0 ug/L.<br>arsenic 95% LCL (23.439 ug/L) <b>exceeds</b> the GWPS of 10.0 ug/L.<br>cobalt 95% LCL (10.442 ug/L) <b>exceeds</b> the Site Specific GWPS of 6.9 ug/L.<br>copper 95% LCL (2.000 ug/L) is below the GWPS of 1300.0 ug/L.<br>nickel 95% LCL (29.424 ug/L) is below the GWPS of 100.0 ug/L.<br>zinc 95% LCL (6.998 ug/L) is below the GWPS of 2,000.0 ug/L. |
| MW-65   | arsenic 95% LCL (3.601 ug/L) is below the GWPS of 10.0 ug/L.<br>cobalt 95% LCL (1.169 ug/L) is below the Site Specific GWPS of 6.9 ug/L.<br>copper 95% LCL (0.844 ug/L) is below the GWPS of 1300.0 ug/L.<br>nickel 95% LCL (4.231 ug/L) is below the GWPS of 100.0 ug/L.<br>zinc 95% LCL (6.002 ug/L) is below the GWPS of 2,000.0 ug/L.                                                                                                                                                                                                                                      |
| SW-101R | vinyl chloride 95% LCL (1.253 ug/L) is below the GWPS of 2.0 ug/L.<br>Cis-1,2-dichloroethene 95% LCL (2.262 ug/L) is below the GWPS of 70.0 ug/L.                                                                                                                                                                                                                                                                                                                                                                                                                              |

The Confidence Intervals (95% LCL and 95% UCL) for inorganic compounds are summarized in Attachment D of the September, 2025 Otter Creek Report (Attachment C)). The Confidence Intervals (95% LCL and 95% UCL) for VOC are summarized in Attachment E of the September, 2025 Otter Creek Report (Attachment C).

Based on the findings, remedial actions at the historic facility were warranted near MW-44 and MW-64. Remedial measures were previously implemented along the east side of the facility near MW-44 and MW-64. Performance of the existing remedial measures are evaluated in the report section below.

### **Remedial Action Effectiveness Evaluation**

A remedial groundwater collection system was completed along the east side of the 1945 Landfill and was accepted by the City of Newton in 1985 and is currently in operation. This Site Remedial Action and Mitigation Plan (SRAMP) was completed to control impacted groundwater in the vicinity of MW-44.

An additional remedial groundwater collection system was completed along the east side of the 1945 Landfill and was accepted by the City of Newton on September 13, 1995 and is currently in operation. This Site Remedial Action and Mitigation Plan (SRAMP) was completed to control impacted groundwater in the vicinity of MW-56.

The arsenic and cobalt concentrations at MW-44 and MW-64 are summarized in Attachment A. To date, the concentrations appear relatively static.

Tables and graphs illustrating the VOC data trends over time are developed and are included in Attachment D. The vinyl chloride data has been collected routinely at MW-56 since installation of the SRAMP (beginning in December, 1995) and at MW-64 and MW-65 since installation of the monitoring wells (January, 1998).

MW-64 is installed very near (and upgradient) the manhole at the north end of the SRAMP system along the east side of the 1945 landfill. MW-56 is located downgradient of MW-64. MW-65 is located further downgradient of MW-64 and MW-56, near the south site boundary.

Review of the information in Attachment E illustrates a steady to decreasing trend in all VOC contaminant concentrations over time at MW-56, MW-64, and MW-65. VOC have not been detected at MW-44. Review of the raw data indicates that normal variability in contaminant concentrations occurs and that occasional increases/decreases are noted between consecutive sampling episodes.

At MW-65 (furthest downgradient), benzene, vinyl chloride, chlorobenzene, cis-1,2-dichloroethane, and 1,1-dichloroethane have historically been undetected to date, and are reported as below the laboratory method detection limit. The exception is the detection of vinyl chloride at MW-65 (1.2 ug/L) in September, 2008; and again (3.1 ug/L) in September, 2013.

Generally, the cobalt and VOC data illustrates an overall decreasing trend in the contaminant concentrations with distance from the waste boundary. It is interpreted that the two (2) SRAMP (installed in 1985 and 1995) are effective in controlling contaminant concentrations in the vicinity of MW-44, MW-56, and MW-64, that contaminant concentrations are captured prior to transport to MW-65, and the impacted groundwater is not released from the site.

#### **Trend Analysis Monitoring Point MW-44**

A trend analysis of arsenic and cobalt was prepared and submitted to IDNR on October 17, 2023 (Doc #107956). No trends were identified in the data at MW-44.

#### **Evaluation of HMSP Monitoring Point MW-45R**

As documented in the March 23, 2021 Report (Doc #100024), former MW-45 was the only HMSP well in the 1945 landfill that was completed in the shale bedrock. All other wells were completed in the overlying unconsolidated tills or mining spoils. The conclusion was made in the March 23, 2021 Report (Doc #100024), that the detected cobalt concentrations in bedrock well MW-45 were likely naturally elevated relative to the background concentrations found within the unconsolidated clay soils. Intrawell statistical evaluation of all monitoring results from MW-45 were completed and did not indicate any statistical increases and established background for cobalt concentrations within the shale bedrock at 10.669 (see Doc # 100024).

MW-45R was constructed on May 24, 2021, as a replacement well for MW-45 which was found to be broken. MW-45R was intentionally completed in the unconsolidated soils (tills and mining spoils) situated above the shale bedrock in order to establish a replacement well that corresponded to the other wells in the HMSP, including the site background wells.

Water elevation measurements at MW-45R have been collected semi-annually (or more frequently) and all measurements record the well as dry.

Review of the soils and hydrologic information in the vicinity of former MW-45 and MW-45R indicate that the unconsolidated soils thin significantly moving south from the south waste boundary of the 1945 landfill. The unconsolidated soils are 24 feet thick at MW-45R and thin to 12.5 feet thick at former MW-45. It is surmised that the unconsolidated soils at MW-45 were most likely found to be dry at MW-45 during drilling of well cluster MW-45/MW-46 in 1990 and resulted in both the “shallow” well (MW-45) and the “deep” well (MW-46) being completed in the underlying shale bedrock with screen intervals that overlap.

Review of the water table contour map (Figure 3) indicates that flow is predominantly east toward the creek, not to the south. The dry soils that thin to the south and the observed groundwater flow surface that slopes eastward

suggest that ground water flow to the south within the unconsolidated soils along the south side of the 1945 landfill is minimal.

It appears that the water table elevation in the vicinity of MW-45R will remain dry over the long term. It is recommended that MW-45R remain in the HMSP for the site to incorporate any future water quality data for the south side of the site should it be obtained. Additionally, maintaining MW-45R in the HMSP will document the absence of water flow to the south.

#### **Quality Assurance/Quality Control**

A blind duplicate sample was collected at MW-36 during the March 12, 2025 sampling episode. A blind duplicate sample was collected at MW-59 during the September 3, 2025 sampling episode.

The purpose of the field duplicate is to evaluate the precision of sample collection and analysis process from the field through the laboratory. The calculation of the Relative Percent Difference (RPD) for duplicate pair results is used as the means to evaluate the precision.

The Quality Control (QC) limit for the RPD on field duplicates is established at thirty percent (30%) for duplicate pairs that have reported concentrations five (5) times greater than the laboratory Reporting Limit. For samples and respective duplicates with reported analyte concentrations nearer the Reporting Limit, the RPD calculations demonstrate greater variability and the RPD can be very large. RPD values are considered non-representative in the following conditions:

- a) Both the original and/or the duplicate results are less than five (5) times the Reporting Limit.
- b) One or both results are qualified, flagged, or estimated.
- c) One or both results are non-detected.

The results of the blind duplicate and the monitoring well results were all within the limits established and indicate that the data quality is acceptable without restriction.

#### **Water Elevation Measurements**

Water elevation measurements were collected at each well during sampling on March 12, 2025, and September 3, 2025 (included in the Table in Attachment E). Review of the water elevation data for 2025 does not indicate excessive variability compared to historic water elevation data. The variability in water levels appears to be cyclic over time. A copy of the September, 2025 Water Table Contour Map (Figure 3) is included herein and illustrates groundwater flow paths across the site. The shape of the water table surface illustrated in the map is relatively unchanged from the previous year's map.

#### **Leachate Control System Performance Evaluation**

Leachate collection system components do not exist in the 1945 Landfill. There are three (3) leachate piezometers installed in the 1945 landfill. The three (3) piezometers are designated LPZ-209, LPZ-210, and LPZ-211. The leachate levels collected at LPZ-209, LPZ-210, and LPZ-211 (through September, 2025) are summarized in Attachment F. The recorded levels appear relatively static and do not demonstrate significant variations over time.

The IDNR letter dated October 5, 2020 (Doc #98580) allowed the frequency of leachate head measurements in leachate piezometers LPZ-209, LPZ-210, and LPZ-211 to be reduced from monthly to quarterly. Leachate levels at LPZ-209, LPZ-210, and LPZ-211 will be recorded in March, June, September, and December of each year.

### **Explosive Gas Monitoring from the Well Headspace**

The 2025 quarterly explosive gas monitoring that was performed in the breathing zone, within the structures, and in the subsurface gas probes (in accordance with Permit Special Provision 5) is summarized in the Table in Attachment G. The results of the monitoring indicate that gas concentrations were undetected in the breathing zone and in the structures near the 1945 Landfill. Gas concentrations in the subsurface gas probes near the 1945 Landfill are reported as below actionable levels, if detected during any event.

Note that the blue shaded points in the Table included in Attachment G are associated with the 1945 Landfill. The remaining gas monitoring points (unshaded) are associated with Areas A, B, C, and D and will be discussed in the AWQR for Areas A, B, C, and D which will be submitted to IDNR by January 31, 2026.

### **Ending Regulation under IAC 567, Chapter 113**

The water quality data in this report supports ending regulation under IAC 567, Chapter 113.

A Request to End Regulation under Chapter 113 for the 1945 SLF was submitted to IDNR on April 14, 2023 (Doc #106380). An IDNR response was received on October 5, 2023. A Trend Analysis for MW-44 was submitted to IDNR on October 17, 2023 (Doc #107965) in response to the IDNR letter. IDNR staff visited the site on October 18, 2023 to view site conditions to determine eligibility of the 1945 SLF for an Environmental Covenant (EC). The results of the IDNR site visit were documented in the Fall, 2023 Semi-Annual Engineer's Inspection Report dated October 24, 2023 (Doc #108033). The most recent update to the status of the five (5) site improvements is included in the Fall, 2025 Semi-Annual Engineer's Inspection Report dated October 13, 2025 (Doc #114456). The summary from the 2025 Fall Inspection Report is as follows:

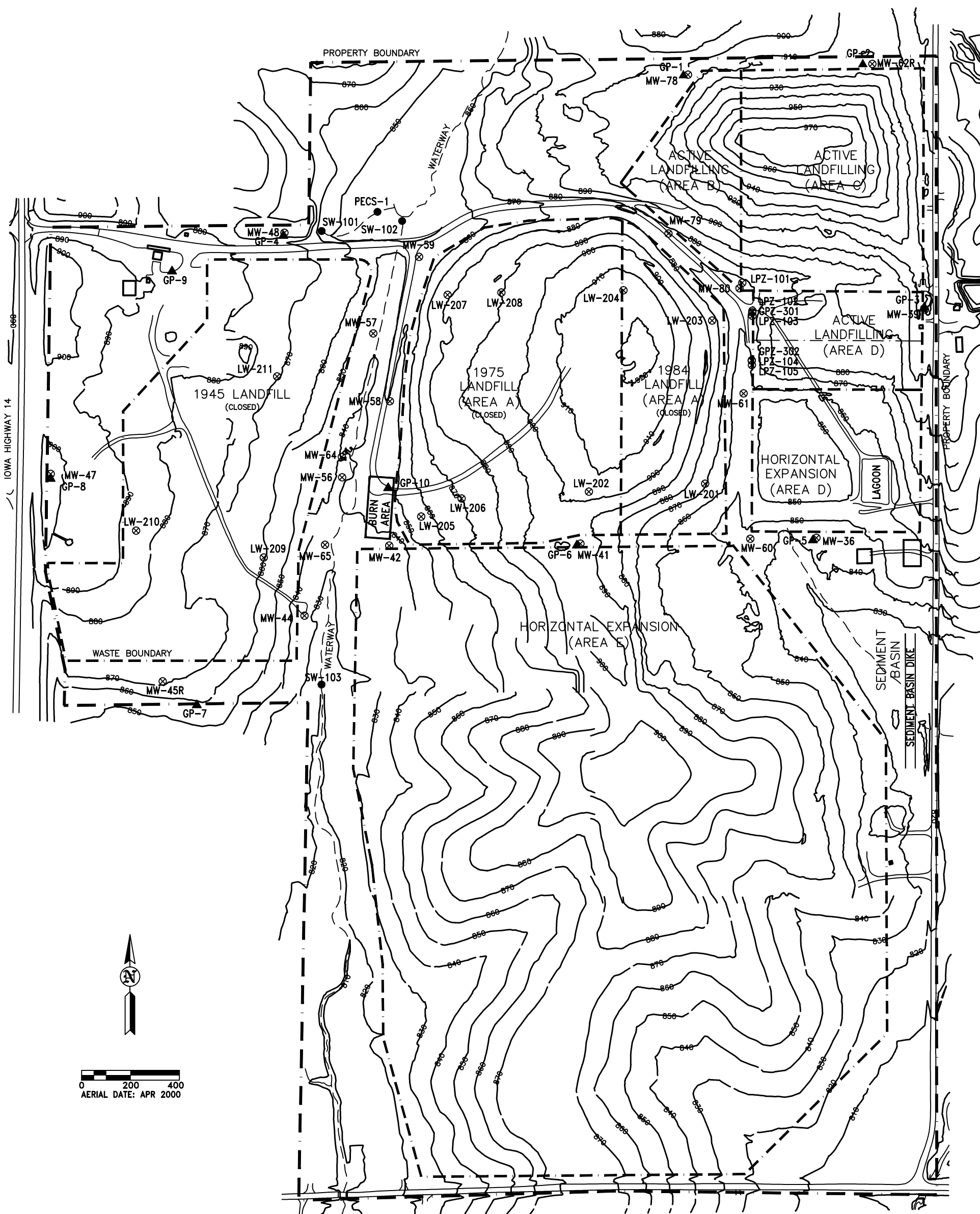
- *Remove derecho waste stockpile from the cap over the waste boundary of the 1945 SLF.* The stockpile has been removed. Grading has started in this area with additional grading needed. The area will need to be seeded when the grading is completed.
- *Stake the waste boundary of the 1945 SLF.* COMPLETE - The waste boundary has been staked with signage added.
- *Remove or fill the remaining structures on the perimeter of the 1945 SLF from the previous leachate forcemain, two manhole structures associated with the pump station and an air relief valve manhole.* COMPLETE - The structures have been removed and/or backfilled. These area have been seeded with vegetation becoming established.
- *Remove the rubble that protrudes through the cap.* This material has been removed and fill added to restore the cap. The area has had soil added and needs to be seeded.
- *Repair the rill developing associated with a surface water diversion berm that runs in an approximate east-west direction in the middle of the east slope.* COMPLETE - Staff has constructed ditch checks and added gabion stone to repair the rill and limit future erosion.

The remaining tasks are limited to finish grading and seeding in the vicinity of the former derecho stockpile and the cap repair area. It is anticipated that once the seeding is completed in 2025 or 2026 an updated request to end regulation will be submitted to IDNR.

Please feel free to contact our office at (515) 733-4144 with any questions you may have.

|                                                                                   |                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa. |
|                                                                                   |  11/24/25                                                                                                          |
|                                                                                   | DOUGLAS J. LUZBETAK, P.E. DATE                                                                                                                                                                      |
|                                                                                   | License number 12654                                                                                                                                                                                |
|                                                                                   | My license renewal date is December 31, 2026.                                                                                                                                                       |
|                                                                                   | Pages or sheets covered by this seal:<br>All except Attachment C.                                                                                                                                   |

cc: Joe Grife, Public Works Director, Newton, Iowa  
Mike Ward, Public Works Operations Superintendent, Newton, Iowa

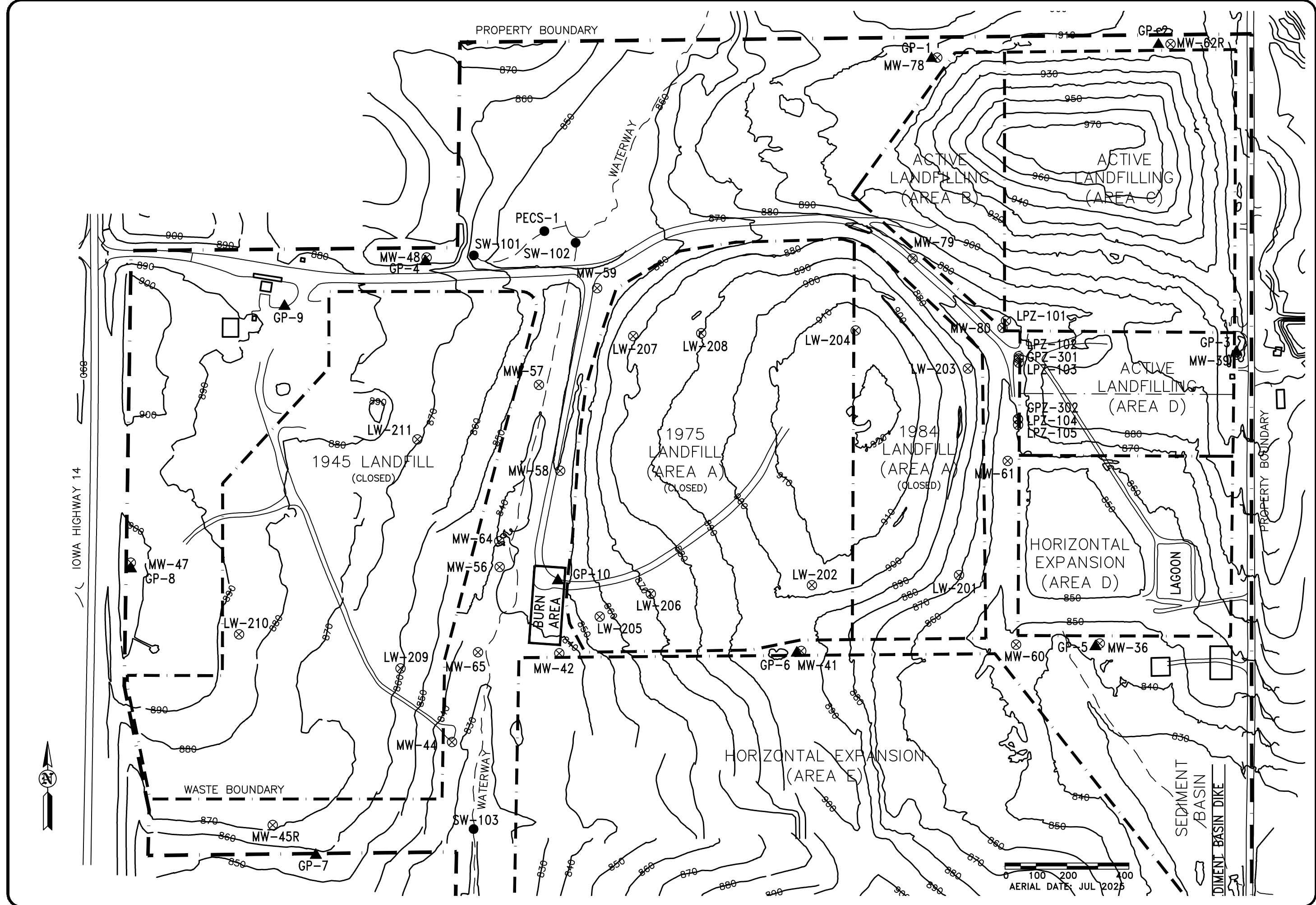


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SITE PLAN (TOTAL PROPERTY)  
NEWTON SANITARY LANDFILL  
MEWTON, IOWA

|              |                     |                  |
|--------------|---------------------|------------------|
| FIGURE:      |                     | 1                |
| REVISION     | NO.                 | DATE             |
| DRAWN<br>DRA | PROJECT NO.<br>6002 | DATE<br>11-12-25 |







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**SITE PLAN (WASTE AREA)**  
NEWTON SANITARY LANDFILL  
NEWTON, IOWA

**FIGURE: 2**

| REVISION | NO.  | DATE     |
|----------|------|----------|
| DRAWN    | 6002 | 11-12-25 |
| DRA      |      |          |





**ATTACHMENT A**

**Water Quality Results & Summary**

**HMSP Sampling & Testing Results**  
**1945 Landfill - Newton Sanitary Landfill - 50-SDP-1-75P**  
**Summary of Appendix I Detections**

| Compound          | Date       | Site<br>Predicton<br>Limit | Statewide<br>Standard<br>IAC-137 | Units | MW-44 | MW-45<br>MW-45R | MW-56 | MW-57 | MW-64 | MW-65  | SW-101R |
|-------------------|------------|----------------------------|----------------------------------|-------|-------|-----------------|-------|-------|-------|--------|---------|
| Turbidity (field) | 9/14/2016  | N/A                        | N/A                              | NTU   | 1.29  | 5.15            | 5.37  | 10.8  | 15.3  | 121.0  |         |
| Turbidity (field) | 9/8/2017   | N/A                        | N/A                              | NTU   | 0.42  | 0.45            | 0.75  | 1.4   | 4.69  | 41.2   |         |
| Turbidity (field) | 3/19/2018  | N/A                        | N/A                              | NTU   | 0.62  | 0.3             | 0.4   | 0.45  | 3.4   | 15.6   |         |
| Turbidity (field) | 9/11/2018  | N/A                        | N/A                              | NTU   | 3.37  | 4.43            | 1.07  | 0.97  | 17.92 | 6.9    |         |
| Turbidity (field) | 3/26/2019  | N/A                        | N/A                              | NTU   | 18.7  | 23.1            | 1.04  | 0.58  | 90    | 89.4   |         |
| Turbidity (field) | 9/4/2019   | N/A                        | N/A                              | NTU   | 1.43  | 7.66            | 1.15  | 11.04 | 6.87  | 15.21  |         |
| Turbidity (field) | 3/26/2020  | N/A                        | N/A                              | NTU   | 24.7  | 2.79            | 1.06  | 553   | 27.5  | 57.3   | 1.7     |
| Turbidity (field) | 6/18/2020  | N/A                        | N/A                              | NTU   | NT    | NT              | NT    | 134   | NT    | NT     | NT      |
| Turbidity (field) | 9/15/2020  | N/A                        | N/A                              | NTU   | 3.96  | 3.51            | 1.7   | 10.29 | 22.8  | 18.7   | 3.0     |
| Turbidity (field) | 3/2/2021   | N/A                        | N/A                              | NTU   | 4.64  | 106.1           | 2.58  | 4.47  | 20.24 | 28.05  | 1.93    |
| Turbidity (field) | 9/7/2021   | N/A                        | N/A                              | NTU   | 6.15  | Dry             | 2.37  | 5.75  | 16.17 | 10.82  | 1.79    |
| Turbidity (field) | 3/24/2022  | N/A                        | N/A                              | NTU   | 30.4  | Dry             | 1.93  | 4.51  | 5.53  | 7.25   | 6.51    |
| Turbidity (field) | 8/31/2022  | N/A                        | N/A                              | NTU   | 4.9   | Dry             | 1.38  | 2.09  | 8.32  | 22.24  | 1.85    |
| Turbidity (field) | 11/15/2022 | N/A                        | N/A                              | NTU   | NT    | NT              | NT    | 2.98  | NT    | NT     | NT      |
| Turbidity (field) | 3/2/2023   | N/A                        | N/A                              | NTU   | 4.52  | Dry             | 0.93  | 1.63  | 43.66 | 106.50 | 3.12    |
| Turbidity (field) | 9/12/2023  | N/A                        | N/A                              | NTU   | 31.68 | Dry             | 3.43  | 6.23  | 10.27 | 6.9    | 1.6     |
| Turbidity (field) | 3/4/2024   | N/A                        | N/A                              | NTU   | 13.5  | Dry             | 24.57 | 2.74  | 39.53 | 2.99   | 3.13    |
| Turbidity (field) | 9/23/2024  | N/A                        | N/A                              | NTU   | 16.18 | Dry             | 2.31  | 3.86  | 31.93 | 42.2   | 2.61    |
| Turbidity (field) | 3/12/2025  | N/A                        | N/A                              | NTU   | 32.75 | Dry             | 6.56  | 3.25  | 42.19 | 20.3   | 2.13    |
| Turbidity (field) | 9/3/2025   | N/A                        | N/A                              | NTU   | 6.18  | Dry             | 1.79  | 1.71  | 9.55  | 19.5   | 37.82   |

**HMSP Sampling & Testing Results**  
**1945 Landfill - Newton Sanitary Landfill - 50-SDP-1-75P**  
**Summary of Appendix I Detections**

| Compound       | Date      | Site<br>Predicton<br>Limit | Statewide<br>Standard<br>IAC-137 | Units | MW-44 | MW-45<br>MW-45R | MW-56 | MW-57 | MW-64 | MW-65 | SW-101R |
|----------------|-----------|----------------------------|----------------------------------|-------|-------|-----------------|-------|-------|-------|-------|---------|
| Vinyl Chloride | 9/14/2016 | 1                          | 2                                | ug/L  | <1    | <1              | 2.8   | <1    | 23.7  | <1    |         |
| Vinyl Chloride | 9/8/2017  | 1                          | 2                                | ug/L  | <1    | <1              | 4.2   | <1    | 17.4  | <1    |         |
| Vinyl Chloride | 3/19/2018 | 1                          | 2                                | ug/L  | <1    | <1              | <1    | <1    | 14.4  | <1    |         |
| Vinyl Chloride | 9/11/2018 | 1                          | 2                                | ug/L  | <1    | <1              | <1    | <1    | 7.9   | <1    |         |
| Vinyl Chloride | 3/26/2019 | 1                          | 2                                | ug/L  | <1    | <1              | <1    | <1    | 7.0   | <1    |         |
| Vinyl Chloride | 9/4/2019  | 1                          | 2                                | ug/L  | <1    | <1              | <1    | <1    | 5.6   | <1    |         |
| Vinyl Chloride | 3/26/2020 | 1                          | 2                                | ug/L  | <1    | <1              | <1    | <1    | 3.7   | <1    | <1      |
| Vinyl Chloride | 9/15/2020 | 1                          | 2                                | ug/L  | <1    | <1              | 1.9   | <1    | 5.6   | <1    | 1.8     |
| Vinyl Chloride | 3/2/2021  | 1                          | 2                                | ug/L  | <1    | <1              | <1    | <1    | 3.4   | <1    | 1.8     |
| Vinyl Chloride | 9/7/2021  | 1                          | 2                                | ug/L  | <1    | Dry             | 2.2   | <1    | 2.6   | <1    | 4.6     |
| Vinyl Chloride | 3/24/2022 | 1                          | 2                                | ug/L  | <1    | Dry             | <1    | <1    | 1.6   | <1    | 6.5     |
| Vinyl Chloride | 8/31/2022 | 1                          | 2                                | ug/L  | <1    | Dry             | <1    | <1    | 1.7   | <1    | 3.9     |
| Vinyl Chloride | 3/2/2023  | 1                          | 2                                | ug/L  | <1    | Dry             | <1    | <1    | 1.9   | <1    | 5.9     |
| Vinyl Chloride | 9/12/2023 | 1                          | 2                                | ug/L  | <1    | Dry             | <1    | <1    | 1.8   | <1    | 4.4     |
| Vinyl Chloride | 3/4/2024  | 1                          | 2                                | ug/L  | <1    | Dry             | <1    | <1    | 2.7   | <1    | 5.3     |
| Vinyl Chloride | 9/23/2024 | 1                          | 2                                | ug/L  | <1    | Dry             | <1    | <1    | 1.7   | <1    | 3.1     |
| Vinyl Chloride | 3/12/2025 | 1                          | 2                                | ug/L  | <1    | Dry             | <1    | <1    | <1    | <1    | 1.2     |
| Vinyl Chloride | 9/3/2025  | 1                          | 2                                | ug/L  | <1    | Dry             | <1    | <1    | 1.4   | <1    | 3.3     |

HMSP Sampling & Testing Results  
1945 Landfill - Newton Sanitary Landfill - 50-SDP-1-75P  
Summary of Appendix I Detections

| Compound           | Date      | Site<br>Predicton<br>Limit | Statewide<br>Standard<br>IAC-137 | Units | MW-44 | MW-45<br>MW-45R | MW-56 | MW-57 | MW-64 | MW-65 | SW-101R |
|--------------------|-----------|----------------------------|----------------------------------|-------|-------|-----------------|-------|-------|-------|-------|---------|
| 1,1-Dichloroethane | 9/14/2016 | 1                          | 140                              | ug/L  | <1    | <1              | 5.0   | <1    | 1.9   | <1    |         |
| 1,1-Dichloroethane | 9/8/2017  | 1                          | 140                              | ug/L  | <1    | <1              | 10.4  | <1    | 2.0   | <1    |         |
| 1,1-Dichloroethane | 3/19/2018 | 1                          | 140                              | ug/L  | <1    | <1              | <1    | <1    | 2.6   | <1    |         |
| 1,1-Dichloroethane | 9/11/2018 | 1                          | 140                              | ug/L  | <1    | <1              | <1    | <1    | 1.2   | <1    |         |
| 1,1-Dichloroethane | 3/26/2019 | 1                          | 140                              | ug/L  | <1    | <1              | <1    | <1    | 2.4   | <1    |         |
| 1,1-Dichloroethane | 9/4/2019  | 1                          | 140                              | ug/L  | <1    | <1              | 4.7   | <1    | 2.3   | <1    |         |
| 1,1-Dichloroethane | 3/26/2020 | 1                          | 140                              | ug/L  | <1    | <1              | <1    | <1    | 2.4   | <1    | <1      |
| 1,1-Dichloroethane | 9/15/2020 | 1                          | 140                              | ug/L  | <1    | <1              | 6.9   | <1    | 1.8   | <1    | <1      |
| 1,1-Dichloroethane | 3/2/2021  | 1                          | 140                              | ug/L  | <1    | <1              | <1    | <1    | 2.7   | <1    | <1      |
| 1,1-Dichloroethane | 9/7/2021  | 1                          | 140                              | ug/L  | <1    | Dry             | 8.4   | <1    | 1.6   | <1    | <1      |
| 1,1-Dichloroethane | 3/24/2022 | 1                          | 140                              | ug/L  | <1    | Dry             | <1    | <1    | 2.1   | <1    | <1      |
| 1,1-Dichloroethane | 8/31/2022 | 1                          | 140                              | ug/L  | <1    | Dry             | 7.4   | <1    | 1.6   | <1    | <1      |
| 1,1-Dichloroethane | 3/2/2023  | 1                          | 140                              | ug/L  | <1    | Dry             | <1    | <1    | 2.3   | <1    | <1      |
| 1,1-Dichloroethane | 9/12/2023 | 1                          | 140                              | ug/L  | <1    | Dry             | 4.0   | <1    | 1.8   | <1    | <1      |
| 1,1-Dichloroethane | 3/4/2024  | 1                          | 140                              | ug/L  | <1    | Dry             | 1.7   | <1    | 1.5   | <1    | <1      |
| 1,1-Dichloroethane | 9/23/2024 | 1                          | 140                              | ug/L  | <1    | Dry             | 2.6   | <1    | 1.7   | <1    | <1      |
| 1,1-Dichloroethane | 3/12/2025 | 1                          | 140                              | ug/L  | <1    | Dry             | <1    | <1    | 1.6   | <1    | <1      |
| 1,1-Dichloroethane | 9/3/2025  | 1                          | 140                              | ug/L  | <1    | Dry             | <1    | <1    | 1.8   | <1    | <1      |



**HMSP Sampling & Testing Results**  
**1945 Landfill - Newton Sanitary Landfill - 50-SDP-1-75P**  
**Summary of Appendix I Detections**

| Compound                 | Date      | Site<br>Predicton<br>Limit | Statewide<br>Standard<br>IAC-137 | Units | MW-44 | MW-45<br>MW-45R | MW-56 | MW-57 | MW-64 | MW-65 | SW-101R |
|--------------------------|-----------|----------------------------|----------------------------------|-------|-------|-----------------|-------|-------|-------|-------|---------|
| cis-1,2-Dichloroethylene | 9/14/2016 | 1                          | 70                               | ug/L  | <1    | <1              | <1    | <1    | 36.4  | <1    |         |
| cis-1,2-Dichloroethylene | 9/8/2017  | 1                          | 70                               | ug/L  | <1    | <1              | <1    | <1    | 23.7  | <1    |         |
| cis-1,2-Dichloroethylene | 3/19/2018 | 1                          | 70                               | ug/L  | <1    | <1              | <1    | <1    | 17.2  | <1    |         |
| cis-1,2-Dichloroethylene | 9/11/2018 | 1                          | 70                               | ug/L  | <1    | <1              | <1    | <1    | 15.1  | <1    |         |
| cis-1,2-Dichloroethylene | 3/26/2019 | 1                          | 70                               | ug/L  | <1    | <1              | <1    | <1    | 9.7   | <1    |         |
| cis-1,2-Dichloroethylene | 9/4/2019  | 1                          | 70                               | ug/L  | <1    | <1              | <1    | <1    | 8.3   | <1    |         |
| cis-1,2-Dichloroethylene | 3/26/2020 | 1                          | 70                               | ug/L  | <1    | <1              | <1    | <1    | 4.6   | <1    | 2.6     |
| cis-1,2-Dichloroethylene | 9/15/2020 | 1                          | 70                               | ug/L  | <1    | <1              | <1    | <1    | 6.4   | <1    | 1.8     |
| cis-1,2-Dichloroethylene | 3/2/2021  | 1                          | 70                               | ug/L  | <1    | <1              | <1    | <1    | 7.4   | <1    | 2.1     |
| cis-1,2-Dichloroethylene | 9/7/2021  | 1                          | 70                               | ug/L  | <1    | Dry             | <1    | <1    | 7.4   | <1    | 5.9     |
| cis-1,2-Dichloroethylene | 3/24/2022 | 1                          | 70                               | ug/L  | <1    | Dry             | <1    | <1    | 3.9   | <1    | 5.5     |
| cis-1,2-Dichloroethylene | 8/31/2022 | 1                          | 70                               | ug/L  | <1    | Dry             | <1    | <1    | 5.4   | <1    | 6.1     |
| cis-1,2-Dichloroethylene | 3/2/2023  | 1                          | 70                               | ug/L  | <1    | Dry             | <1    | <1    | 3.3   | <1    | 5.9     |
| cis-1,2-Dichloroethylene | 9/12/2023 | 1                          | 70                               | ug/L  | <1    | Dry             | <1    | <1    | 4.5   | <1    | 6.0     |
| cis-1,2-Dichloroethylene | 3/4/2024  | 1                          | 70                               | ug/L  | <1    | Dry             | <1    | <1    | 2.4   | <1    | 4.0     |
| cis-1,2-Dichloroethylene | 9/23/2024 | 1                          | 70                               | ug/L  | <1    | Dry             | <1    | <1    | 4.1   | <1    | 3.4     |
| cis-1,2-Dichloroethylene | 3/12/2025 | 1                          | 70                               | ug/L  | <1    | Dry             | <1    | <1    | 2.0   | <1    | 2.2     |
| cis-1,2-Dichloroethylene | 9/3/2025  | 1                          | 70                               | ug/L  | <1    | Dry             | <1    | <1    | 3.2   | <1    | 3.0     |



HMSP Sampling & Testing Results  
1945 Landfill - Newton Sanitary Landfill - 50-SDP-1-75P  
Summary of Appendix I Detections

| Compound | Date      | Site<br>Predicton<br>Limit | Statewide<br>Standard<br>IAC-137 | Units | MW-44 | MW-45<br>MW-45R | MW-56 | MW-57 | MW-64 | MW-65 | SW-101R |
|----------|-----------|----------------------------|----------------------------------|-------|-------|-----------------|-------|-------|-------|-------|---------|
| Benzene  | 9/14/2016 | 1                          | 5                                | ug/L  | <1    | <1              | <1    | <1    | <1    | <1    |         |
| Benzene  | 9/8/2017  | 1                          | 5                                | ug/L  | <1    | <1              | 1.4   | <1    | <1    | <1    |         |
| Benzene  | 3/19/2018 | 1                          | 5                                | ug/L  | <1    | <1              | <1    | <1    | <1    | <1    |         |
| Benzene  | 9/11/2018 | 1                          | 5                                | ug/L  | <1    | <1              | <1    | <1    | <1    | <1    |         |
| Benzene  | 3/26/2019 | 1                          | 5                                | ug/L  | <1    | <1              | <1    | <1    | <1    | <1    |         |
| Benzene  | 9/4/2019  | 1                          | 5                                | ug/L  | <1    | <1              | <1    | <1    | <1    | <1    |         |
| Benzene  | 3/26/2020 | 1                          | 5                                | ug/L  | <1    | <1              | <1    | <1    | <1    | <1    | <1      |
| Benzene  | 9/15/2020 | 1                          | 5                                | ug/L  | <1    | <1              | <1    | <1    | <1    | <1    | <1      |
| Benzene  | 3/2/2021  | 1                          | 5                                | ug/L  | <1    | <1              | <1    | <1    | <1    | <1    | <1      |
| Benzene  | 9/7/2021  | 1                          | 5                                | ug/L  | <1    | Dry             | 1.0   | <1    | <1    | <1    | <1      |
| Benzene  | 3/24/2022 | 1                          | 5                                | ug/L  | <1    | Dry             | <1    | <1    | <1    | <1    | <1      |
| Benzene  | 8/31/2022 | 1                          | 5                                | ug/L  | <1    | Dry             | <1    | <1    | <1    | <1    | <1      |
| Benzene  | 3/2/2023  | 1                          | 5                                | ug/L  | <1    | Dry             | <1    | <1    | <1    | <1    | <1      |
| Benzene  | 9/12/2023 | 1                          | 5                                | ug/L  | <1    | Dry             | <1    | <1    | <1    | <1    | <1      |
| Benzene  | 3/4/2024  | 1                          | 5                                | ug/L  | <1    | Dry             | <1    | <1    | <1    | <1    | <1      |
| Benzene  | 9/23/2024 | 1                          | 5                                | ug/L  | <1    | Dry             | <1    | <1    | <1    | <1    | <1      |
| Benzene  | 3/12/2025 | 1                          | 5                                | ug/L  | <1    | Dry             | <1    | <1    | <1    | <1    | <1      |
| Benzene  | 9/3/2025  | 1                          | 5                                | ug/L  | <1    | Dry             | <1    | <1    | <1    | <1    | <1      |

**HMSP Sampling & Testing Results**  
**1945 Landfill - Newton Sanitary Landfill - 50-SDP-1-75P**  
**Summary of Appendix I Detections**

| Compound      | Date      | Site<br>Predicton<br>Limit | Statewide<br>Standard<br>IAC-137 | Units | MW-44  | MW-45<br>MW-45R | MW-56  | MW-57  | MW-64  | MW-65  | SW-101R |
|---------------|-----------|----------------------------|----------------------------------|-------|--------|-----------------|--------|--------|--------|--------|---------|
| Silver, total | 9/14/2016 | 0.0064                     | 0.1                              | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 |         |
| Silver, total | 9/8/2017  | 0.0064                     | 0.1                              | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 |         |
| Silver, total | 3/19/2018 | 0.0064                     | 0.1                              | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 |         |
| Silver, total | 9/11/2018 | 0.0064                     | 0.1                              | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 |         |
| Silver, total | 3/26/2019 | 0.0064                     | 0.1                              | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 |         |
| Silver, total | 9/4/2019  | 0.0064                     | 0.1                              | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 |         |
| Silver, total | 3/26/2020 | 0.0064                     | 0.1                              | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Silver, total | 9/15/2020 | 0.0064                     | 0.1                              | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Silver, total | 3/2/2021  | 0.0064                     | 0.1                              | mg/L  | <0.004 | NT              | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Silver, total | 9/7/2021  | 0.0064                     | 0.1                              | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Silver, total | 3/24/2022 | 0.0064                     | 0.1                              | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Silver, total | 8/31/2022 | 0.0064                     | 0.1                              | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Silver, total | 3/2/2023  | 0.0064                     | 0.1                              | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Silver, total | 9/12/2023 | 0.0064                     | 0.1                              | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Silver, total | 3/4/2024  | 0.0064                     | 0.1                              | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Silver, total | 9/23/2024 | 0.0064                     | 0.1                              | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Silver, total | 3/12/2025 | 0.0064                     | 0.1                              | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Silver, total | 9/3/2025  | 0.0064                     | 0.1                              | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |

**HMSP Sampling & Testing Results**  
**1945 Landfill - Newton Sanitary Landfill - 50-SDP-1-75P**  
**Summary of Appendix I Detections**

| Compound       | Date      | Site<br>Predicton<br>Limit | Statewide<br>Standard<br>IAC-137 | Units | MW-44  | MW-45<br>MW-45R | MW-56  | MW-57  | MW-64  | MW-65  | SW-101R |
|----------------|-----------|----------------------------|----------------------------------|-------|--------|-----------------|--------|--------|--------|--------|---------|
| Arsenic, total | 9/14/2016 | 0.0044                     | 0.01                             | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | 0.0216 | 0.008  |         |
| Arsenic, total | 9/8/2017  | 0.0044                     | 0.01                             | mg/L  | 0.0056 | <0.004          | <0.004 | 0.0041 | 0.0079 | <0.004 |         |
| Arsenic, total | 3/19/2018 | 0.0044                     | 0.01                             | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | 0.0193 | <0.004 |         |
| Arsenic, total | 9/11/2018 | 0.0044                     | 0.01                             | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | 0.0242 | <0.004 |         |
| Arsenic, total | 3/26/2019 | 0.0044                     | 0.01                             | mg/L  | 0.0066 | <0.004          | <0.004 | <0.004 | 0.0402 | 0.0058 |         |
| Arsenic, total | 9/4/2019  | 0.0073                     | 0.01                             | mg/L  | 0.0079 | <0.004          | <0.004 | <0.004 | 0.0222 | 0.0040 |         |
| Arsenic, total | 3/26/2020 | 0.0073                     | 0.01                             | mg/L  | <0.004 | <0.004          | <0.004 | 0.0045 | 0.0403 | <0.004 | 0.0055  |
| Arsenic, total | 9/15/2020 | 0.0073                     | 0.01                             | mg/L  | 0.0131 | <0.004          | <0.004 | 0.0055 | 0.0211 | 0.0041 | 0.0054  |
| Arsenic, total | 3/2/2021  | 0.0073                     | 0.01                             | mg/L  | <0.004 | NT              | <0.004 | <0.004 | 0.0202 | <0.004 | <0.004  |
| Arsenic, total | 9/7/2021  | 0.0073                     | 0.01                             | mg/L  | 0.0094 | Dry             | <0.004 | 0.0047 | 0.0252 | <0.004 | 0.0069  |
| Arsenic, total | 3/24/2022 | 0.0073                     | 0.01                             | mg/L  | 0.0076 | Dry             | <0.004 | <0.004 | 0.0192 | <0.004 | 0.0152  |
| Arsenic, total | 6/13/2022 | 0.0073                     | 0.01                             | mg/L  | NT     | NT              | NT     | NT     | NT     | NT     | <0.05   |
| Arsenic, total | 8/31/2022 | 0.0073                     | 0.01                             | mg/L  | 0.01   | Dry             | <0.004 | 0.004  | 0.0274 | 0.0043 | 0.0047  |
| Arsenic, total | 3/2/2023  | 0.0073                     | 0.01                             | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | 0.0264 | 0.0095 | 0.0057  |
| Arsenic, total | 9/12/2023 | 0.0073                     | 0.01                             | mg/L  | 0.0108 | Dry             | <0.004 | <0.004 | 0.0231 | <0.004 | 0.0041  |
| Arsenic, total | 3/4/2024  | 0.0073                     | 0.01                             | mg/L  | 0.0041 | Dry             | <0.004 | <0.004 | 0.0296 | 0.0067 | <0.004  |
| Arsenic, total | 9/23/2024 | 0.0073                     | 0.01                             | mg/L  | 0.0119 | Dry             | <0.004 | <0.004 | 0.0306 | 0.0079 | 0.0047  |
| Arsenic, total | 3/12/2025 | 0.0073                     | 0.01                             | mg/L  | 0.0089 | Dry             | <0.004 | <0.004 | 0.0257 | 0.0043 | <0.004  |
| Arsenic, total | 9/3/2025  | 0.0073                     | 0.01                             | mg/L  | 0.0055 | Dry             | <0.002 | <0.002 | 0.0235 | 0.0132 | 0.0040  |

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HMSP Sampling & Testing Results  
1945 Landfill - Newton Sanitary Landfill - 50-SDP-1-75P  
Summary of Appendix I Detections

| Compound      | Date       | Site<br>Predicton<br>Limit | Statewide<br>Standard<br>IAC-137 | Units | MW-44 | MW-45<br>MW-45R | MW-56  | MW-57 | MW-64  | MW-65  | SW-101R |
|---------------|------------|----------------------------|----------------------------------|-------|-------|-----------------|--------|-------|--------|--------|---------|
| Barium, total | 9/14/2016  | 0.452                      | 2                                | mg/L  | 0.129 | 0.0418          | 0.0303 | 0.301 | 0.0569 | 0.0305 |         |
| Barium, total | 9/8/2017   | 0.445                      | 2                                | mg/L  | 0.130 | 0.0364          | 0.0289 | 0.563 | 0.0574 | 0.0192 |         |
| Barium, total | 3/19/2018  | 0.405                      | 2                                | mg/L  | 0.109 | 0.0403          | 0.0154 | 0.279 | 0.0594 | 0.0183 |         |
| Barium, total | 9/11/2018  | 0.399                      | 2                                | mg/L  | 0.120 | 0.0333          | 0.0269 | 0.189 | 0.0625 | 0.0321 |         |
| Barium, total | 3/26/2019  | 0.394                      | 2                                | mg/L  | 0.135 | 0.0538          | 0.0230 | 0.287 | 0.1410 | 0.033  |         |
| Barium, total | 9/4/2019   | 0.392                      | 2                                | mg/L  | 0.128 | 0.0352          | 0.0316 | 0.344 | 0.0551 | 0.0239 |         |
| Barium, total | 3/26/2020  | 0.392                      | 2                                | mg/L  | 0.126 | 0.0366          | 0.0209 | 0.513 | 0.0962 | 0.0139 | 0.232   |
| Barium, total | 6/18/2020  | 0.392                      | 2                                | mg/L  | NT    | NT              | NT     | 0.301 | NT     | NT     | NT      |
| Barium, total | 9/15/2020  | 0.392                      | 2                                | mg/L  | 0.269 | 0.0265          | 0.0287 | 0.517 | 0.0576 | 0.0101 | 0.243   |
| Barium, total | 3/2/2021   | 0.392                      | 2                                | mg/L  | 0.110 | NT              | 0.0159 | 0.112 | 0.0588 | 0.0143 | 0.157   |
| Barium, total | 9/7/2021   | 0.392                      | 2                                | mg/L  | 0.144 | Dry             | 0.0335 | 0.507 | 0.0516 | 0.0186 | 0.265   |
| Barium, total | 3/24/2022  | 0.391                      | 2                                | mg/L  | 0.134 | Dry             | 0.0132 | 0.317 | 0.0512 | 0.0129 | 0.363   |
| Barium, total | 8/31/2022  | 0.393                      | 2                                | mg/L  | 0.173 | Dry             | 0.0286 | 0.509 | 0.0400 | 0.0169 | 0.265   |
| Barium, total | 11/15/2022 | 0.393                      | 2                                | mg/L  | NT    | NT              | NT     | 0.500 | NT     | NT     | NT      |
| Barium, total | 3/2/2023   | 0.357                      | 2                                | mg/L  | 0.121 | Dry             | 0.0138 | 0.254 | 0.0612 | 0.0399 | 0.266   |
| Barium, total | 9/12/2023  | 0.357                      | 2                                | mg/L  | 0.175 | Dry             | 0.0258 | 0.445 | 0.0433 | 0.0191 | 0.249   |
| Barium, total | 3/4/2024   | 0.357                      | 2                                | mg/L  | 0.126 | Dry             | 0.0235 | 0.250 | 0.0685 | 0.030  | 0.240   |
| Barium, total | 9/23/2024  | 0.357                      | 2                                | mg/L  | 0.142 | Dry             | 0.0392 | 0.302 | 0.0528 | 0.0354 | 0.236   |
| Barium, total | 3/12/2025  | 0.357                      | 2                                | mg/L  | 0.126 | Dry             | 0.0182 | 0.164 | 0.0572 | 0.0300 | 0.224   |
| Barium, total | 9/3/2025   | 0.357                      | 2                                | mg/L  | 0.152 | Dry             | 0.0460 | 0.343 | 0.0481 | 0.0773 | 0.228   |

**HMSP Sampling & Testing Results**  
**1945 Landfill - Newton Sanitary Landfill - 50-SDP-1-75P**  
**Summary of Appendix I Detections**

| Compound      | Date      | Site<br>Predicton<br>Limit | Statewide<br>Standard<br>IAC-137 | Units | MW-44  | MW-45<br>MW-45R | MW-56   | MW-57   | MW-64  | MW-65  | SW-101R |
|---------------|-----------|----------------------------|----------------------------------|-------|--------|-----------------|---------|---------|--------|--------|---------|
| Cobalt, total | 9/14/2016 | 0.0045                     | 0.0069*                          | mg/L  | 0.0063 | 0.0080          | 0.0040  | <0.0008 | 0.0270 | 0.0107 |         |
| Cobalt, total | 9/8/2017  | 0.0069                     | 0.0069*                          | mg/L  | 0.0073 | 0.0078          | 0.0031  | 0.0042  | 0.0344 | 0.0031 |         |
| Cobalt, total | 3/19/2018 | 0.0069                     | 0.0069*                          | mg/L  | 0.0089 | 0.0087          | <0.0008 | <0.0008 | 0.0191 | 0.0088 |         |
| Cobalt, total | 9/11/2018 | 0.0069                     | 0.0069*                          | mg/L  | 0.0084 | 0.0066          | <0.0008 | <0.0008 | 0.0251 | 0.0113 |         |
| Cobalt, total | 3/26/2019 | 0.0069                     | 0.0069*                          | mg/L  | 0.0102 | 0.0083          | <0.0008 | <0.0008 | 0.0161 | 0.0100 |         |
| Cobalt, total | 9/4/2019  | 0.0069                     | 0.0069*                          | mg/L  | 0.0087 | 0.0074          | 0.0032  | <0.0008 | 0.0230 | 0.0037 |         |
| Cobalt, total | 3/26/2020 | 0.0069                     | 0.0069*                          | mg/L  | 0.0092 | 0.0080          | <0.0008 | 0.0011  | 0.0147 | 0.0016 | 0.0035  |
| Cobalt, total | 9/15/2020 | 0.0069                     | 0.0069*                          | mg/L  | 0.0145 | 0.0074          | 0.0027  | 0.0024  | 0.0208 | 0.0027 | 0.0038  |
| Cobalt, total | 3/2/2021  | 0.0069                     | 0.0069*                          | mg/L  | 0.0088 | NT              | 0.0018  | 0.0010  | 0.0146 | 0.0032 | 0.0022  |
| Cobalt, total | 9/7/2021  | 0.0069                     | 0.0069*                          | mg/L  | 0.0081 | Dry             | 0.0037  | 0.0031  | 0.0210 | 0.0021 | 0.0051  |
| Cobalt, total | 3/24/2022 | 0.0069                     | 0.0069*                          | mg/L  | 0.011  | Dry             | <0.0004 | 0.0007  | 0.0118 | 0.0007 | 0.0031  |
| Cobalt, total | 8/31/2022 | 0.0069                     | 0.0069*                          | mg/L  | 0.0116 | Dry             | 0.0033  | 0.0035  | 0.0216 | 0.0055 | 0.0066  |
| Cobalt, total | 3/2/2023  | 0.0069                     | 0.0069*                          | mg/L  | 0.0088 | Dry             | <0.0004 | 0.0005  | 0.0110 | 0.0093 | 0.003   |
| Cobalt, total | 9/12/2023 | 0.0069                     | 0.0069*                          | mg/L  | 0.0107 | Dry             | 0.0021  | 0.0005  | 0.0187 | 0.0052 | 0.0041  |
| Cobalt, total | 3/4/2024  | 0.0069                     | 0.0069*                          | mg/L  | 0.0097 | Dry             | 0.0006  | 0.0004  | 0.0120 | 0.0092 | 0.0027  |
| Cobalt, total | 9/23/2024 | 0.0069                     | 0.0069*                          | mg/L  | 0.0103 | Dry             | 0.0025  | 0.0010  | 0.0179 | 0.0034 | 0.0039  |
| Cobalt, total | 3/12/2025 | 0.0069                     | 0.0069*                          | mg/L  | 0.0103 | Dry             | <0.0004 | <0.0004 | 0.0111 | 0.0036 | 0.0014  |
| Cobalt, total | 9/3/2025  | 0.0069                     | 0.0069*                          | mg/L  | 0.0089 | Dry             | 0.0033  | 0.0005  | 0.0159 | 0.0156 | 0.0042  |



HMSP Sampling & Testing Results  
1945 Landfill - Newton Sanitary Landfill - 50-SDP-1-75P  
Summary of Appendix I Detections

| Compound      | Date       | Site<br>Predicton<br>Limit | Statewide<br>Standard<br>IAC-137 | Units | MW-44         | MW-45<br>MW-45R | MW-56  | MW-57         | MW-64         | MW-65         | SW-101R       |
|---------------|------------|----------------------------|----------------------------------|-------|---------------|-----------------|--------|---------------|---------------|---------------|---------------|
| Copper, total | 9/14/2016  | 0.0105                     | 1.3                              | mg/L  | <0.004        | <0.004          | <0.004 | <0.004        | <0.004        | <b>0.0067</b> |               |
| Copper, total | 9/8/2017   | 0.0105                     | 1.3                              | mg/L  | <0.004        | <0.004          | <0.004 | <0.004        | <0.004        | <0.004        |               |
| Copper, total | 3/19/2018  | 0.004                      | 1.3                              | mg/L  | <0.004        | <0.004          | <0.004 | <0.004        | <0.004        | <0.004        |               |
| Copper, total | 9/11/2018  | 0.004                      | 1.3                              | mg/L  | <0.004        | <0.004          | <0.004 | <0.004        | <0.004        | <b>0.008</b>  |               |
| Copper, total | 3/26/2019  | 0.004                      | 1.3                              | mg/L  | <0.004        | <b>0.004</b>    | <0.004 | <0.004        | <b>0.0042</b> | <b>0.004</b>  |               |
| Copper, total | 9/4/2019   | 0.004                      | 1.3                              | mg/L  | <0.004        | <0.004          | <0.004 | <0.004        | <0.004        | <0.004        |               |
| Copper, total | 3/26/2020  | 0.004                      | 1.3                              | mg/L  | <0.004        | <0.004          | <0.004 | <b>0.0042</b> | <0.004        | <0.004        | <0.004        |
| Copper, total | 6/18/2020  | 0.004                      | 1.3                              | mg/L  | NT            | NT              | NT     | <0.004        | NT            | NT            | NT            |
| Copper, total | 9/15/2020  | 0.004                      | 1.3                              | mg/L  | <0.004        | <0.004          | <0.004 | <0.004        | <0.004        | <0.004        | <0.004        |
| Copper, total | 3/2/2021   | 0.004                      | 1.3                              | mg/L  | <0.004        | NT              | <0.004 | <0.004        | <0.004        | <b>0.0103</b> | <0.004        |
| Copper, total | 9/7/2021   | 0.004                      | 1.3                              | mg/L  | <0.004        | <b>Dry</b>      | <0.004 | <0.004        | <0.004        | <0.004        | <0.004        |
| Copper, total | 3/24/2022  | 0.004                      | 1.3                              | mg/L  | <0.004        | <b>Dry</b>      | <0.004 | <0.004        | <0.004        | <0.004        | <0.004        |
| Copper, total | 8/31/2022  | 0.004                      | 1.3                              | mg/L  | <0.004        | <b>Dry</b>      | <0.004 | <b>0.0050</b> | <0.004        | <b>0.0044</b> | <0.004        |
| Copper, total | 11/15/2022 | 0.004                      | 1.3                              | mg/L  | NT            | NT              | NT     | <b>0.0043</b> | NT            | NT            | NT            |
| Copper, total | 3/2/2023   | 0.004                      | 1.3                              | mg/L  | <0.004        | <b>Dry</b>      | <0.004 | <0.004        | <0.004        | <b>0.0052</b> | <0.004        |
| Copper, total | 9/12/2023  | 0.004                      | 1.3                              | mg/L  | <0.004        | <b>Dry</b>      | <0.004 | <0.004        | <0.004        | <0.004        | <0.004        |
| Copper, total | 3/4/2024   | 0.004                      | 1.3                              | mg/L  | <0.004        | <b>Dry</b>      | <0.004 | <0.004        | <0.004        | <0.004        | <0.004        |
| Copper, total | 9/23/2024  | 0.004                      | 1.3                              | mg/L  | <0.004        | <b>Dry</b>      | <0.004 | <0.004        | <0.004        | <b>0.0087</b> | <0.004        |
| Copper, total | 3/12/2025  | 0.004                      | 1.3                              | mg/L  | <0.004        | <b>Dry</b>      | <0.004 | <0.004        | <0.004        | <0.004        | <b>0.0057</b> |
| Copper, total | 6/2/2025   | 0.004                      | 1.3                              | mg/L  | NT            | NT              | NT     | NT            | NT            | NT            | <0.005        |
| Copper, total | 9/3/2025   | 0.004                      | 1.3                              | mg/L  | <b>0.0099</b> | <b>Dry</b>      | <0.005 | <0.005        | <0.005        | <b>0.0081</b> | <0.005        |



**HMSP Sampling & Testing Results**  
**1945 Landfill - Newton Sanitary Landfill - 50-SDP-1-75P**  
**Summary of Appendix I Detections**

| Compound      | Date      | Site<br>Predicton<br>Limit | Statewide<br>Standard<br>IAC-137 | Units | MW-44  | MW-45<br>MW-45R | MW-56  | MW-57  | MW-64  | MW-65  | SW-101R |
|---------------|-----------|----------------------------|----------------------------------|-------|--------|-----------------|--------|--------|--------|--------|---------|
| Nickel, total | 9/14/2016 | 0.0134                     | 0.1                              | mg/L  | 0.0173 | 0.0053          | 0.0122 | 0.0043 | 0.0563 | 0.0282 |         |
| Nickel, total | 9/8/2017  | 0.0134                     | 0.1                              | mg/L  | 0.0160 | 0.0045          | 0.0138 | 0.0090 | 0.0731 | 0.0109 |         |
| Nickel, total | 3/19/2018 | 0.0087                     | 0.1                              | mg/L  | 0.0127 | 0.0041          | <0.004 | 0.0041 | 0.0462 | 0.0153 |         |
| Nickel, total | 9/11/2018 | 0.0087                     | 0.1                              | mg/L  | 0.0128 | <0.004          | <0.004 | <0.004 | 0.0554 | 0.0248 |         |
| Nickel, total | 3/26/2019 | 0.0087                     | 0.1                              | mg/L  | 0.0119 | 0.0081          | <0.004 | <0.004 | 0.0416 | 0.0123 |         |
| Nickel, total | 9/4/2019  | 0.0087                     | 0.1                              | mg/L  | 0.0117 | <0.004          | 0.007  | <0.004 | 0.0459 | 0.0092 |         |
| Nickel, total | 3/26/2020 | 0.0087                     | 0.1                              | mg/L  | 0.0132 | <0.004          | <0.004 | <0.004 | 0.0394 | 0.0076 | 0.0065  |
| Nickel, total | 9/15/2020 | 0.0087                     | 0.1                              | mg/L  | 0.0262 | 0.0045          | 0.0109 | 0.0059 | 0.0466 | 0.0058 | 0.0053  |
| Nickel, total | 3/2/2021  | 0.0087                     | 0.1                              | mg/L  | 0.0097 | NT              | <0.004 | <0.004 | 0.0354 | 0.0074 | <0.004  |
| Nickel, total | 9/7/2021  | 0.0087                     | 0.1                              | mg/L  | 0.0132 | Dry             | 0.0131 | 0.0059 | 0.0499 | 0.0045 | 0.0064  |
| Nickel, total | 3/24/2022 | 0.0087                     | 0.1                              | mg/L  | 0.0122 | Dry             | <0.004 | <0.004 | 0.0330 | <0.004 | <0.004  |
| Nickel, total | 8/31/2022 | 0.0087                     | 0.1                              | mg/L  | 0.0135 | Dry             | 0.0101 | 0.0060 | 0.0499 | 0.0130 | 0.0075  |
| Nickel, total | 3/2/2023  | 0.0087                     | 0.1                              | mg/L  | 0.0100 | Dry             | <0.004 | <0.004 | 0.0306 | 0.0207 | <0.004  |
| Nickel, total | 9/12/2023 | 0.0087                     | 0.1                              | mg/L  | 0.0132 | Dry             | 0.0096 | <0.004 | 0.0431 | 0.0073 | 0.0049  |
| Nickel, total | 3/4/2024  | 0.0087                     | 0.1                              | mg/L  | 0.0100 | Dry             | 0.0047 | <0.004 | 0.0320 | 0.0149 | <0.004  |
| Nickel, total | 9/23/2024 | 0.0087                     | 0.1                              | mg/L  | 0.0109 | Dry             | 0.0073 | 0.0046 | 0.0426 | 0.0135 | 0.0047  |
| Nickel, total | 3/12/2025 | 0.0087                     | 0.1                              | mg/L  | 0.0088 | Dry             | <0.004 | <0.004 | 0.0307 | 0.0120 | <0.004  |
| Nickel, total | 9/3/2025  | 0.0087                     | 0.1                              | mg/L  | 0.0120 | Dry             | 0.0068 | <0.005 | 0.0403 | 0.0406 | 0.0063  |

HMSP Sampling & Testing Results  
1945 Landfill - Newton Sanitary Landfill - 50-SDP-1-75P  
Summary of Appendix I Detections

| Compound        | Date      | Site<br>Predicton<br>Limit | Statewide<br>Standard<br>IAC-137 | Units | MW-44  | MW-45<br>MW-45R | MW-56  | MW-57  | MW-64  | MW-65  | SW-101R |
|-----------------|-----------|----------------------------|----------------------------------|-------|--------|-----------------|--------|--------|--------|--------|---------|
| Selenium, total | 9/14/2016 | 0.0094                     | 0.05                             | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 |         |
| Selenium, total | 9/8/2017  | 0.0106                     | 0.05                             | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 |         |
| Selenium, total | 3/19/2018 | 0.0106                     | 0.05                             | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 |         |
| Selenium, total | 9/11/2018 | 0.0106                     | 0.05                             | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 |         |
| Selenium, total | 3/26/2019 | 0.0106                     | 0.05                             | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 |         |
| Selenium, total | 9/4/2019  | 0.0106                     | 0.05                             | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 |         |
| Selenium, total | 3/26/2020 | 0.0106                     | 0.05                             | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Selenium, total | 9/15/2020 | 0.0106                     | 0.05                             | mg/L  | <0.004 | <0.004          | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Selenium, total | 3/2/2021  | 0.0106                     | 0.05                             | mg/L  | <0.004 | NT              | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Selenium, total | 9/7/2021  | 0.0106                     | 0.05                             | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Selenium, total | 3/24/2022 | 0.0106                     | 0.05                             | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Selenium, total | 8/31/2022 | 0.0106                     | 0.05                             | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Selenium, total | 3/2/2023  | 0.0106                     | 0.05                             | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | 0.0082 | <0.004  |
| Selenium, total | 9/12/2023 | 0.0106                     | 0.05                             | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Selenium, total | 3/4/2024  | 0.0106                     | 0.05                             | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Selenium, total | 9/23/2024 | 0.0106                     | 0.05                             | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Selenium, total | 3/12/2025 | 0.0106                     | 0.05                             | mg/L  | <0.004 | Dry             | <0.004 | <0.004 | <0.004 | <0.004 | <0.004  |
| Selenium, total | 9/3/2025  | 0.0106                     | 0.05                             | mg/L  | <0.002 | Dry             | <0.002 | <0.002 | 0.0021 | <0.002 | <0.002  |

**HMSP Sampling & Testing Results**  
**1945 Landfill - Newton Sanitary Landfill - 50-SDP-1-75P**  
**Summary of Appendix I Detections**

| Compound    | Date      | Site Prediction Limit | Statewide Standard IAC-137 | Units | MW-44         | MW-45<br>MW-45R | MW-56         | MW-57         | MW-64         | MW-65         | SW-101R |
|-------------|-----------|-----------------------|----------------------------|-------|---------------|-----------------|---------------|---------------|---------------|---------------|---------|
| Zinc, total | 9/14/2016 | 0.0323                | 2                          | mg/L  | <0.008        | <0.008          | <b>0.0194</b> | <0.008        | <b>0.0111</b> | <b>0.0383</b> |         |
| Zinc, total | 9/8/2017  | 0.0323                | 2                          | mg/L  | <0.008        | <0.008          | <b>0.0229</b> | <0.008        | <b>0.0111</b> | <b>0.0235</b> |         |
| Zinc, total | 3/19/2018 | 0.0323                | 2                          | mg/L  | <0.008        | <0.008          | <0.008        | <0.008        | <0.008        | <b>0.0139</b> |         |
| Zinc, total | 9/11/2018 | 0.0323                | 2                          | mg/L  | <0.008        | <0.008          | <b>0.0115</b> | <b>0.0095</b> | <b>0.0082</b> | <b>0.0217</b> |         |
| Zinc, total | 3/26/2019 | 0.0323                | 2                          | mg/L  | <b>0.0328</b> | <b>0.0346</b>   | <b>0.0346</b> | <b>0.0258</b> | <b>0.0626</b> | <b>0.0505</b> |         |
| Zinc, total | 9/4/2019  | 0.0323                | 2                          | mg/L  | <0.008        | <0.008          | <0.02         | <0.02         | <0.008        | <0.02         |         |
| Zinc, total | 3/26/2020 | 0.0323                | 2                          | mg/L  | <0.02         | <0.02           | <0.02         | <0.02         | <0.02         | <0.02         | <0.02   |
| Zinc, total | 9/15/2020 | 0.0323                | 2                          | mg/L  | <0.02         | <0.02           | <0.02         | <0.02         | <0.02         | <0.02         | <0.02   |
| Zinc, total | 3/2/2021  | 0.0323                | 2                          | mg/L  | <0.02         | NT              | <0.02         | <0.02         | <0.02         | <0.02         | <0.02   |
| Zinc, total | 9/7/2021  | 0.0323                | 2                          | mg/L  | <0.02         | Dry             | <0.02         | <0.02         | <0.02         | <0.02         | <0.02   |
| Zinc, total | 3/24/2022 | 0.0323                | 2                          | mg/L  | <0.02         | Dry             | <0.02         | <0.02         | <0.02         | <0.02         | <0.02   |
| Zinc, total | 8/31/2022 | 0.0323                | 2                          | mg/L  | <0.02         | Dry             | <0.02         | <0.02         | <0.02         | <0.02         | <0.02   |
| Zinc, total | 3/2/2023  | 0.0323                | 2                          | mg/L  | <0.02         | Dry             | <0.02         | <0.02         | <0.02         | <b>0.0257</b> | <0.02   |
| Zinc, total | 9/12/2023 | 0.0323                | 2                          | mg/L  | <0.02         | Dry             | <0.02         | <0.02         | <0.02         | <0.02         | <0.02   |
| Zinc, total | 3/4/2024  | 0.0323                | 2                          | mg/L  | <0.02         | Dry             | <0.02         | <0.02         | <b>0.0514</b> | <b>0.0215</b> | <0.02   |
| Zinc, total | 9/23/2024 | 0.0323                | 2                          | mg/L  | <0.02         | Dry             | <0.02         | <0.02         | <b>0.0215</b> | <b>0.0294</b> | <0.02   |
| Zinc, total | 3/12/2025 | 0.0323                | 2                          | mg/L  | <0.02         | Dry             | <0.02         | <0.02         | <0.02         | <0.02         | <0.02   |
| Zinc, total | 9/3/2025  | 0.0323                | 2                          | mg/L  | <b>0.0251</b> | Dry             | <b>0.0133</b> | <b>0.0148</b> | <b>0.0272</b> | <b>0.0568</b> | <0.005  |

  = value exceeds the GWPS (Statewide Standard for protected Groundwater or Site-Specific GWPS)  
0.0010 = value exceeds the site prediction limit.  
 NT = Not Tested  
 \*Site-Specific GWPS





Microbac Laboratories, Inc., Newton

CERTIFICATE OF ANALYSIS

1IC0851

Project Description

6002

For:

Todd Whipple

**HLW Engineering**

204 West Broad St

Story City, IA 50248

---

Heather Murphy

Customer Relationship Specialist

Monday, March 31, 2025

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc., Newton. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

Microbac Laboratories, Inc.

600 East 17th Street South | Newton, IA 50208 | 641-792-8451 p | [www.microbac.com](http://www.microbac.com)



Microbac Laboratories, Inc., Newton

CERTIFICATE OF ANALYSIS

1IC0851

**HLW Engineering**

Todd Whipple  
204 West Broad St  
Story City, IA 50248

**Project Name: 6002**

Project / PO Number: N/A  
Received: 03/12/2025  
Reported: 03/31/2025

**Sample Summary Report**

| <u>Sample Name</u> | <u>Laboratory ID</u> | <u>Client Matrix</u> | <u>Sample Type</u> | <u>Sample Begin</u> | <u>Sample Taken</u> | <u>Lab Received</u> |
|--------------------|----------------------|----------------------|--------------------|---------------------|---------------------|---------------------|
| MW-44              | 1IC0851-01           | Aqueous              | GRAB               |                     | 03/12/25 13:19      | 03/12/25 16:30      |
| MW-57              | 1IC0851-02           | Aqueous              | GRAB               |                     | 03/12/25 14:22      | 03/12/25 16:30      |
| MW-56              | 1IC0851-03           | Aqueous              | GRAB               |                     | 03/12/25 13:57      | 03/12/25 16:30      |
| MW-64              | 1IC0851-04           | Aqueous              | GRAB               |                     | 03/12/25 14:11      | 03/12/25 16:30      |
| MW-65              | 1IC0851-05           | Aqueous              | GRAB               |                     | 03/12/25 13:45      | 03/12/25 16:30      |
| SW-101R            | 1IC0851-06           | Aqueous              | GRAB               |                     | 03/12/25 14:54      | 03/12/25 16:30      |
| PECS-1             | 1IC0851-07           | Aqueous              | GRAB               |                     | 03/12/25 15:02      | 03/12/25 16:30      |
| SW-102             | 1IC0851-08           | Aqueous              | GRAB               |                     | 03/12/25 10:52      | 03/12/25 16:30      |
| SW-103             | 1IC0851-09           | Aqueous              | GRAB               |                     | 03/12/25 13:43      | 03/12/25 16:30      |
| MW-48 (B)          | 1IC0851-10           | Aqueous              | GRAB               |                     | 03/12/25 14:45      | 03/12/25 16:30      |
| MW-39 (B)          | 1IC0851-11           | Aqueous              | GRAB               |                     | 03/12/25 12:33      | 03/12/25 16:30      |
| MW-78 (B)          | 1IC0851-12           | Aqueous              | GRAB               |                     | 03/12/25 11:51      | 03/12/25 16:30      |
| MW-62R             | 1IC0851-13           | Aqueous              | GRAB               |                     | 03/12/25 12:04      | 03/12/25 16:30      |
| MW-79              | 1IC0851-14           | Aqueous              | GRAB               |                     | 03/12/25 11:37      | 03/12/25 16:30      |
| MW-80              | 1IC0851-15           | Aqueous              | GRAB               |                     | 03/12/25 01:13      | 03/12/25 16:30      |
| MW-36              | 1IC0851-16           | Aqueous              | GRAB               |                     | 03/12/25 12:47      | 03/12/25 16:30      |
| MW-41              | 1IC0851-17           | Aqueous              | GRAB               |                     | 03/12/25 09:03      | 03/12/25 16:30      |
| MW-42              | 1IC0851-18           | Aqueous              | GRAB               |                     | 03/12/25 09:42      | 03/12/25 16:30      |
| MW-58              | 1IC0851-19           | Aqueous              | GRAB               |                     | 03/12/25 10:00      | 03/12/25 16:30      |
| MW-59              | 1IC0851-20           | Aqueous              | GRAB               |                     | 03/12/25 10:29      | 03/12/25 16:30      |
| MW-60              | 1IC0851-21           | Aqueous              | GRAB               |                     | 03/12/25 08:38      | 03/12/25 16:30      |
| MW-61              | 1IC0851-22           | Aqueous              | GRAB               |                     | 03/12/25 12:59      | 03/12/25 16:30      |
| Duplicate          | 1IC0851-23           | Aqueous              | GRAB               |                     | 03/12/25 00:00      | 03/12/25 16:30      |



Microbac Laboratories, Inc., Newton

CERTIFICATE OF ANALYSIS

11C0851

Analytical Testing Parameters

|                   |            |                  |                  |
|-------------------|------------|------------------|------------------|
| Client Sample ID: | MW-44      | Collected By:    | Whipple, Todd    |
| Sample Matrix:    | Aqueous    | Collection Date: | 03/12/2025 13:19 |
| Lab Sample ID:    | 11C0851-01 |                  |                  |

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 5030B/EPA 8260D                         |        |      |       |    |      |               |               |         |
| Dichlorodifluoromethane                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Acrolein                                    | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1619 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Methyl Iodide                               | <2.0   | 2.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Acetonitrile                                | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1619 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 2,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 2-Butanone (MEK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,1-Dichloropropene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Ethyl Methacrylate                          | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,3-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-44  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-01

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 13:19

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Dibromochloromethane                        | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Xylenes, total                              | <2.0   | 2.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Styrene                                     | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Bromoform                                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,3-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| 1,2,4-Trichlorobenzene                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Allyl chloride                              | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1822 | RAF     |
| Chloroprene                                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1822 | RAF     |
| Methacrylonitrile                           | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1822 | RAF     |
| Methyl Methacrylate                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1822 | RAF     |
| Propionitrile                               | <10.0  | 10.0          | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1822 | RAF     |
| Surrogate: Dibromofluoromethane             | 105    | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1822 | RAF     |
| Surrogate: Dibromofluoromethane             | 94.4   | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 91.8   | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 103    | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1822 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 69.0   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1619 | CSM     |
| Surrogate: Toluene-d8                       | 98.3   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1822 | RAF     |
| Surrogate: Toluene-d8                       | 97.5   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Surrogate: Toluene-d8                       | 104    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1619 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 99.9   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1822 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 93.2   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1820 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.2   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1619 | CSM     |

| Determination of General Solvents                        | Result | RL  | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|-----|-------|----|------|---------------|---------------|---------|
| EPA 8015C                                                |        |     |       |    |      |               |               |         |
| Isobutanol                                               | <1.0   | 1.0 | mg/L  | 1  |      | 03/21/25 1147 | 03/23/25 0154 | PDS     |
| Determination of Base/Neutral/Acid Extractable Compounds |        |     |       |    |      |               |               |         |

|                           |    |   |      |   |  |               |               |     |
|---------------------------|----|---|------|---|--|---------------|---------------|-----|
| EPA 3520C/EPA 8270C       |    |   |      |   |  |               |               |     |
| N-Nitrosodimethylamine    | <8 | 8 | ug/L | 1 |  | 03/19/25 1349 | 03/24/25 2108 | EPP |
| Methyl Methanesulfonate   | <8 | 8 | ug/L | 1 |  | 03/19/25 1349 | 03/24/25 2108 | EPP |
| N-Nitrosodiethylamine     | <8 | 8 | ug/L | 1 |  | 03/19/25 1349 | 03/24/25 2108 | EPP |
| N-Nitrosomethylethylamine | <8 | 8 | ug/L | 1 |  | 03/19/25 1349 | 03/24/25 2108 | EPP |



Microbac Laboratories, Inc., Newton

CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-44  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-01

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 13:19

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| Ethyl Methanesulfonate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Phenol                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Bis(2-Chloroethyl) Ether                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2-Chlorophenol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Benzyl Alcohol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2-Methylphenol (o-Cresol)                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Bis[2-Chloroisopropyl]ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| n-Nitroso-di-n-propylamine                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| N-Nitrosopyrrolidine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Acetophenone                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| o-Toluidine                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| (3 & 4)-Methylphenol                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Hexachloroethane                                         | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Nitrobenzene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| N-Nitrosopiperidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Isophorone                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2,4-Dimethylphenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Bis (2-Chloroethoxy) Methane                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2,4-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Naphthalene                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 4-Chloroaniline                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2,6-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Hexachloropropene                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Hexachlorobutadiene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| N-Nitrosodi-n-butylamine                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 1,4-Phenylenediamine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 4-Chloro-3-methylphenol                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2-Methylnaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Isosafrole                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 1,2,4,5-Tetrachlorobenzene                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Hexachlorocyclopentadiene                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2,4,6-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2,4,5-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Safrole                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2-Chloronaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 1,4-Naphthoquinone                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Dimethylphthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 1,3-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 1,2-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2,6-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Acenaphthylene                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-44  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-01

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 13:19

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| 3-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Acenaphthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2,4-Dinitrophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 4-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Dibenzofuran                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2,4-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2,3,4,6-Tetrachlorophenol                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Pentachlorobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 1-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 2-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Diethyl Phthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Fluorene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 4-Chlorophenyl Phenyl Ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 4-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 5-Nitro-o-toluidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 4,6-Dinitro-2-methylphenol                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| N-Nitrosodiphenylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Diphenylamine                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Azobenzene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Diallate                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 1,3,5-Trinitrobenzene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Phenacetin                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 4-Bromophenyl Phenyl Ether                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 4-Aminobiphenyl                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Pentachlorophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Pronamide                                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Pentachloronitrobenzene (PCNB)                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Phenanthrene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Anthracene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Di-n-butyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Methapyrilene                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Fluoranthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Isodrin                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Chlorobenzilate                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Pyrene                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| p-(Dimethylamino)azobenzene                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 3,3-Dimethylbenzidine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Butyl Benzyl Phthalate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Benzo(a)anthracene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Chrysene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Bis(2-Ethylhexyl) Phthalate                              | <6     | 6  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Kepone                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 3,3'-Dichlorobenzidine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-44  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-01

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 13:19

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| 2-Acetylaminofluorene                                    | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Di-n-octyl Phthalate                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Benzo(b)Fluoranthene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 7,12-Dimethylbenz [a] anthracene                         | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Benzo(k)Fluoranthene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Benzo(a)Pyrene                                           | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| 3-Methylcholanthrene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Dibenzo(a,h)anthracene                                   | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Indeno(1,2,3-cd)Pyrene                                   | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Benzo(g,h,i)perylene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Surrogate: 2-Fluorophenol                                | 63.1   | Limit: 10-149 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Surrogate: Phenol-d6                                     | 67.7   | Limit: 10-143 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Surrogate: Nitrobenzene-d5                               | 66.9   | Limit: 20-149 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Surrogate: 2-Fluorobiphenyl                              | 70.3   | Limit: 11-146 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Surrogate: 2,4,6-Tribromophenol                          | 87.6   | Limit: 10-153 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |
| Surrogate: Terphenyl-dl4                                 | 52.8   | Limit: 27-155 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2108 | EPP     |

| Determination of Organophosphorus Insecticides | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8141                             |        |               |       |    |      |               |               |         |
| O,O,O-Triethyl phosphorothioate                | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1825 | EPP     |
| Thionazin                                      | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1825 | EPP     |
| Phorate                                        | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1825 | EPP     |
| Dimethoate                                     | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1825 | EPP     |
| Disulfoton                                     | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1825 | EPP     |
| Methyl Parathion                               | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1825 | EPP     |
| Parathion                                      | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1825 | EPP     |
| Famphur                                        | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1825 | EPP     |
| Surrogate: 2-Nitro-m-xylene                    | 60.1   | Limit: 15-154 | % Rec | 1  |      | 03/17/25 1427 | 03/24/25 1825 | EPP     |

| Determination of Chlorinated Phenoxy Herbicides | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 8151A                                       |        |               |       |    |      |               |               |         |
| 2,4-D                                           | <2.0   | 2.0           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 1858 | EPP     |
| 2,4,5-TP (Silvex)                               | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 1858 | EPP     |
| 2,4,5-T                                         | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 1858 | EPP     |
| Dinoseb                                         | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 1858 | EPP     |
| Surrogate: 2,5-Dichlorobenzoic Acid             | 154    | Limit: 36-159 | % Rec | 1  |      | 03/14/25 1557 | 03/21/25 1858 | EPP     |

| Determination of Organochlorine Insecticides & Metabolites | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8081                                         |        |      |       |    |      |               |               |         |
| Alpha-BHC                                                  | <0.05  | 0.05 | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Gamma-BHC [Lindane]                                        | <0.05  | 0.05 | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |



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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-44  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-01

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 13:19

| Determination of Organochlorine Insecticides & Metabolites | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Beta-BHC                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Heptachlor                                                 | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Delta-BHC                                                  | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Aldrin                                                     | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Heptachlor Epoxide                                         | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Endosulfan I                                               | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| 4,4'-DDE                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Dieldrin                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Endrin                                                     | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| 4,4'-DDD                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Endosulfan II                                              | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| 4,4'-DDT                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Endrin Aldehyde                                            | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Endosulfan Sulfate                                         | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Methoxychlor                                               | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Chlordane                                                  | <0.10  | 0.10          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Toxaphene                                                  | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Hexachlorobenzene                                          | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |
| Surrogate: Tetrachloro-m-xylene                            | 78.2   | Limit: 40-116 | % Rec | 1  |      | 03/17/25 1421 | 03/21/25 1313 | EPP     |

| Determination of Polychlorinated Biphenyls (PCB) | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|--------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8082                               |        |               |       |    |      |               |               |         |
| Arochlor 1016                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1313 | EPP     |
| Arochlor 1221                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1313 | EPP     |
| Arochlor 1232                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1313 | EPP     |
| Arochlor 1242                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1313 | EPP     |
| Arochlor 1248                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1313 | EPP     |
| Arochlor 1254                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1313 | EPP     |
| Arochlor 1260                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1313 | EPP     |
| Surrogate: Tetrachloro-m-xylene                  | 78.2   | Limit: 37-120 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1313 | EPP     |
| Surrogate: Decachlorobiphenyl                    | 58.0   | Limit: 22-116 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1313 | EPP     |

| Determination of Conventional Chemistry Parameters | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 376.2                                          |         |        |       |    |      |               |               |         |
| Sulfide, total                                     | <0.10   | 0.10   | mg/L  | 1  |      |               | 03/17/25 0928 | AKK     |
| EPA 9014                                           |         |        |       |    |      |               |               |         |
| Cyanide, total                                     | <0.010  | 0.010  | mg/L  | 1  |      | 03/20/25 0716 | 03/21/25 0908 | CES     |
| Determination of Total Metals                      |         |        |       |    |      |               |               |         |
| EPA 3005A/EPA 6020A                                |         |        |       |    |      |               |               |         |
| Antimony, total                                    | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |



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CERTIFICATE OF ANALYSIS

1IC0851

|                   |            |                  |                  |
|-------------------|------------|------------------|------------------|
| Client Sample ID: | MW-44      | Collected By:    | Whipple, Todd    |
| Sample Matrix:    | Aqueous    | Collection Date: | 03/12/2025 13:19 |
| Lab Sample ID:    | 1IC0851-01 |                  |                  |

| Determination of Total Metals | Result   | RL      | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|----------|---------|-------|----|------|---------------|---------------|---------|
| Arsenic, total                | 0.0089   | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| Barium, total                 | 0.126    | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| Beryllium, total              | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| Cadmium, total                | <0.0008  | 0.0008  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| Chromium, total               | <0.0080  | 0.0080  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| Cobalt, total                 | 0.0103   | 0.0004  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| Copper, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| Lead, total                   | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| Nickel, total                 | 0.0088   | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| Selenium, total               | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| Silver, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| Thallium, total               | <0.0020  | 0.0020  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| Tin, total                    | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| Vanadium, total               | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| Zinc, total                   | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2251 | KKJ     |
| EPA 7470A                     |          |         |       |    |      |               |               |         |
| Mercury, total                | <0.00050 | 0.00050 | mg/L  | 1  |      | 03/20/25 1536 | 03/21/25 1503 | JAR     |

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CERTIFICATE OF ANALYSIS

1IC0851

Client Sample ID: MW-57  
Sample Matrix: Aqueous  
Lab Sample ID: 1IC0851-02

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 14:22

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Dichlorodifluoromethane                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Acrolein                                    | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1641 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Methyl Iodide                               | <2.0   | 2.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Acetonitrile                                | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1641 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 2,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 2-Butanone (MEK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,1-Dichloropropene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Ethyl Methacrylate                          | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,3-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-57  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-02

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 14:22

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Chlorobenzene                               | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Xylenes, total                              | <2.0   | 2.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Styrene                                     | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Bromoform                                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,3-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| 1,2,4-Trichlorobenzene                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Allyl chloride                              | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1845 | RAF     |
| Chloroprene                                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1845 | RAF     |
| Methacrylonitrile                           | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1845 | RAF     |
| Methyl Methacrylate                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1845 | RAF     |
| Propionitrile                               | <10.0  | 10.0          | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1845 | RAF     |
| Surrogate: Dibromofluoromethane             | 106    | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1845 | RAF     |
| Surrogate: Dibromofluoromethane             | 95.2   | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 101    | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1845 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 91.6   | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 70.1   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1641 | CSM     |
| Surrogate: Toluene-d8                       | 98.4   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1845 | RAF     |
| Surrogate: Toluene-d8                       | 98.3   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Surrogate: Toluene-d8                       | 103    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1641 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 90.8   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1842 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 97.3   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1845 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 94.2   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1641 | CSM     |

| Determination of General Solvents | Result | RL  | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-----|-------|----|------|---------------|---------------|---------|
| EPA 8015C                         |        |     |       |    |      |               |               |         |
| Isobutanol                        | <1.0   | 1.0 | mg/L  | 1  |      | 03/21/25 1147 | 03/23/25 0232 | PDS     |

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| EPA 3520C/EPA 8270C                                      |        |    |       |    |      |               |               |         |
| N-Nitrosodimethylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Methyl Methanesulfonate                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| N-Nitrosodiethylamine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| N-Nitrosomethylethylamine                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Ethyl Methanesulfonate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Phenol                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |



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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-57  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-02

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 14:22

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| Bis(2-Chloroethyl) Ether                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2-Chlorophenol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Benzyl Alcohol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2-Methylphenol (o-Cresol)                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Bis[2-Chloroisopropyl]ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| n-Nitroso-di-n-propylamine                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| N-Nitrosopyrrolidine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Acetophenone                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| o-Toluidine                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| (3 & 4)-Methylphenol                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Hexachloroethane                                         | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Nitrobenzene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| N-Nitrosopiperidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Isophorone                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2,4-Dimethylphenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Bis (2-Chloroethoxy) Methane                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2,4-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Naphthalene                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 4-Chloroaniline                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2,6-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Hexachloropropene                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Hexachlorobutadiene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| N-Nitrosodi-n-butylamine                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 1,4-Phenylenediamine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 4-Chloro-3-methylphenol                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2-Methylnaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Isosafrole                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 1,2,4,5-Tetrachlorobenzene                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Hexachlorocyclopentadiene                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2,4,6-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2,4,5-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Safrole                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2-Chloronaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 1,4-Naphthoquinone                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Dimethylphthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 1,3-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 1,2-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2,6-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Acenaphthylene                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 3-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Acenaphthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-57  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-02

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 14:22

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| 2,4-Dinitrophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 4-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Dibenzofuran                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2,4-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2,3,4,6-Tetrachlorophenol                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Pentachlorobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 1-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Diethyl Phthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Fluorene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 4-Chlorophenyl Phenyl Ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 4-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 5-Nitro-o-toluidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 4,6-Dinitro-2-methylphenol                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| N-Nitrosodiphenylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Diphenylamine                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Azobenzene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Diallate                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 1,3,5-Trinitrobenzene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Phenacetin                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 4-Bromophenyl Phenyl Ether                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 4-Aminobiphenyl                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Pentachlorophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Pronamide                                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Pentachloronitrobenzene (PCNB)                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Phenanthrene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Anthracene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Di-n-butyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Methapyrilene                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Fluoranthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Isodrin                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Chlorobenzilate                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Pyrene                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| p-(Dimethylamino)azobenzene                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 3,3-Dimethylbenzidine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Butyl Benzyl Phthalate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Benzo(a)anthracene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Chrysene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Bis(2-Ethylhexyl) Phthalate                              | <6     | 6  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Kepone                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 3,3'-Dichlorobenzidine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 2-Acetylaminofluorene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Di-n-octyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-57  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-02

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 14:22

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Benzo(b)Fluoranthene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 7,12-Dimethylbenz [a] anthracene                         | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Benzo(k)Fluoranthene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Benzo(a)Pyrene                                           | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| 3-Methylcholanthrene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Dibenzo(a,h)anthracene                                   | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Indeno(1,2,3-cd)Pyrene                                   | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Benzo(g,h,i)perylene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Surrogate: 2-Fluorophenol                                | 63.9   | Limit: 10-149 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Surrogate: Phenol-d6                                     | 66.7   | Limit: 10-143 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Surrogate: Nitrobenzene-d5                               | 71.5   | Limit: 20-149 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Surrogate: 2-Fluorobiphenyl                              | 75.6   | Limit: 11-146 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Surrogate: 2,4,6-Tribromophenol                          | 86.2   | Limit: 10-153 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |
| Surrogate: Terphenyl-dl4                                 | 73.9   | Limit: 27-155 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2133 | EPP     |

| Determination of Organophosphorus Insecticides | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8141                             |        |               |       |    |      |               |               |         |
| O,O,O-Triethyl phosphorothioate                | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1907 | EPP     |
| Thionazin                                      | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1907 | EPP     |
| Phorate                                        | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1907 | EPP     |
| Dimethoate                                     | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1907 | EPP     |
| Disulfoton                                     | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1907 | EPP     |
| Methyl Parathion                               | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1907 | EPP     |
| Parathion                                      | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1907 | EPP     |
| Famphur                                        | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 1907 | EPP     |
| Surrogate: 2-Nitro-m-xylene                    | 70.9   | Limit: 15-154 | % Rec | 1  |      | 03/17/25 1427 | 03/24/25 1907 | EPP     |

| Determination of Chlorinated Phenoxy Herbicides | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 8151A                                       |        |               |       |    |      |               |               |         |
| 2,4-D                                           | <2.0   | 2.0           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 1930 | EPP     |
| 2,4,5-TP (Silvex)                               | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 1930 | EPP     |
| 2,4,5-T                                         | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 1930 | EPP     |
| Dinoseb                                         | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 1930 | EPP     |
| Surrogate: 2,5-Dichlorobenzoic Acid             | 114    | Limit: 36-159 | % Rec | 1  |      | 03/14/25 1557 | 03/21/25 1930 | EPP     |

| Determination of Organochlorine Insecticides & Metabolites | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8081                                         |        |      |       |    |      |               |               |         |
| Alpha-BHC                                                  | <0.05  | 0.05 | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Gamma-BHC [Lindane]                                        | <0.05  | 0.05 | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Beta-BHC                                                   | <0.05  | 0.05 | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Heptachlor                                                 | <0.05  | 0.05 | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-57  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-02

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 14:22

| Determination of Organochlorine Insecticides & Metabolites | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Delta-BHC                                                  | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Aldrin                                                     | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Heptachlor Epoxide                                         | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Endosulfan I                                               | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| 4,4'-DDE                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Dieldrin                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Endrin                                                     | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| 4,4'-DDD                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Endosulfan II                                              | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| 4,4'-DDT                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Endrin Aldehyde                                            | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Endosulfan Sulfate                                         | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Methoxychlor                                               | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Chlordane                                                  | <0.10  | 0.10          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Toxaphene                                                  | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Hexachlorobenzene                                          | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |
| Surrogate: Tetrachloro-m-xylene                            | 84.7   | Limit: 40-116 | % Rec | 1  |      | 03/17/25 1421 | 03/21/25 1327 | EPP     |

| Determination of Polychlorinated Biphenyls (PCB) | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|--------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8082                               |        |               |       |    |      |               |               |         |
| Arochlor 1016                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1327 | EPP     |
| Arochlor 1221                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1327 | EPP     |
| Arochlor 1232                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1327 | EPP     |
| Arochlor 1242                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1327 | EPP     |
| Arochlor 1248                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1327 | EPP     |
| Arochlor 1254                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1327 | EPP     |
| Arochlor 1260                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1327 | EPP     |
| Surrogate: Tetrachloro-m-xylene                  | 84.7   | Limit: 37-120 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1327 | EPP     |
| Surrogate: Decachlorobiphenyl                    | 83.2   | Limit: 22-116 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1327 | EPP     |

| Determination of Conventional Chemistry Parameters | Result | RL    | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------|--------|-------|-------|----|------|---------------|---------------|---------|
| EPA 376.2                                          |        |       |       |    |      |               |               |         |
| Sulfide, total                                     | <0.10  | 0.10  | mg/L  | 1  |      |               | 03/17/25 0928 | AKK     |
| EPA 9014                                           |        |       |       |    |      |               |               |         |
| Cyanide, total                                     | <0.010 | 0.010 | mg/L  | 1  |      | 03/20/25 0716 | 03/21/25 0908 | CES     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| Barium, total                 | 0.164   | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

|                   |            |                  |                  |
|-------------------|------------|------------------|------------------|
| Client Sample ID: | MW-57      | Collected By:    | Whipple, Todd    |
| Sample Matrix:    | Aqueous    | Collection Date: | 03/12/2025 14:22 |
| Lab Sample ID:    | 1IC0851-02 |                  |                  |

| Determination of Total Metals | Result   | RL      | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|----------|---------|-------|----|------|---------------|---------------|---------|
| Beryllium, total              | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| Cadmium, total                | <0.0008  | 0.0008  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| Chromium, total               | <0.0080  | 0.0080  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| Cobalt, total                 | <0.0004  | 0.0004  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| Copper, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| Lead, total                   | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| Nickel, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| Selenium, total               | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| Silver, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| Thallium, total               | <0.0020  | 0.0020  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| Tin, total                    | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| Vanadium, total               | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| Zinc, total                   | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2328 | KKJ     |
| <b>EPA 7470A</b>              |          |         |       |    |      |               |               |         |
| Mercury, total                | <0.00050 | 0.00050 | mg/L  | 1  |      | 03/20/25 1536 | 03/21/25 1505 | JAR     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-56  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-03

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 13:57

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Styrene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-56  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-03

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 13:57

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Surrogate: Dibromofluoromethane             | 67.9   | Limit: 57-134 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Surrogate: Dibromofluoromethane             | 67.9   | Limit: 75-136 | % Rec | 1  | S2   | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 66.8   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 66.8   | Limit: 61-142 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Surrogate: Toluene-d8                       | 106    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Surrogate: Toluene-d8                       | 106    | Limit: 82-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 92.5   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 92.5   | Limit: 80-116 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1703 | CSM     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |
| Barium, total                 | 0.0182  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |
| Beryllium, total              | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |
| Cadmium, total                | <0.0008 | 0.0008 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |
| Chromium, total               | <0.0080 | 0.0080 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |
| Cobalt, total                 | <0.0004 | 0.0004 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |
| Copper, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |
| Lead, total                   | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |
| Nickel, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |
| Selenium, total               | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |
| Silver, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |
| Thallium, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |
| Vanadium, total               | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |
| Zinc, total                   | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2334 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

Client Sample ID: MW-64  
Sample Matrix: Aqueous  
Lab Sample ID: 1IC0851-04

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 14:11

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 1,1-Dichloroethane                          | 1.6    | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| cis-1,2-Dichloroethylene                    | 2.0    | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Styrene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-64  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-04

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 14:11

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Surrogate: Dibromofluoromethane             | 74.9   | Limit: 75-136 | % Rec | 1  | S2   | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Surrogate: Dibromofluoromethane             | 74.9   | Limit: 57-134 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 71.6   | Limit: 61-142 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 71.6   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Surrogate: Toluene-d8                       | 104    | Limit: 82-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Surrogate: Toluene-d8                       | 104    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 93.4   | Limit: 80-116 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 93.4   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1726 | CSM     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |
| Arsenic, total                | 0.0257  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |
| Barium, total                 | 0.0572  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |
| Beryllium, total              | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |
| Cadmium, total                | <0.0008 | 0.0008 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |
| Chromium, total               | <0.0080 | 0.0080 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |
| Cobalt, total                 | 0.0111  | 0.0004 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |
| Copper, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |
| Lead, total                   | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |
| Nickel, total                 | 0.0307  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |
| Selenium, total               | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |
| Silver, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |
| Thallium, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |
| Vanadium, total               | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |
| Zinc, total                   | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2340 | KKJ     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-65  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-05

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 13:45

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Styrene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-65  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-05

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 13:45

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Surrogate: Dibromofluoromethane             | 73.6   | Limit: 57-134 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Surrogate: Dibromofluoromethane             | 73.6   | Limit: 75-136 | % Rec | 1  | S2   | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 68.2   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 68.2   | Limit: 61-142 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Surrogate: Toluene-d8                       | 104    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Surrogate: Toluene-d8                       | 104    | Limit: 82-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.4   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.4   | Limit: 80-116 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1748 | CSM     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |
| Arsenic, total                | 0.0043  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |
| Barium, total                 | 0.0300  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |
| Beryllium, total              | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |
| Cadmium, total                | <0.0008 | 0.0008 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |
| Chromium, total               | <0.0080 | 0.0080 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |
| Cobalt, total                 | 0.0036  | 0.0004 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |
| Copper, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |
| Lead, total                   | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |
| Nickel, total                 | 0.0120  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |
| Selenium, total               | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |
| Silver, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |
| Thallium, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |
| Vanadium, total               | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |
| Zinc, total                   | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2347 | KKJ     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: SW-101R  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-06

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 14:54

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Vinyl Chloride                              | 1.2    | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| cis-1,2-Dichloroethylene                    | 2.2    | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Styrene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: SW-101R  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-06

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 14:54

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Surrogate: Dibromofluoromethane             | 72.6   | Limit: 57-134 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Surrogate: Dibromofluoromethane             | 72.6   | Limit: 75-136 | % Rec | 1  | S2   | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 72.1   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 72.1   | Limit: 61-142 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Surrogate: Toluene-d8                       | 102    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Surrogate: Toluene-d8                       | 102    | Limit: 82-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 93.0   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 93.0   | Limit: 80-116 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1810 | CSM     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2353 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2353 | KKJ     |
| Barium, total                 | 0.224   | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2353 | KKJ     |
| Beryllium, total              | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2353 | KKJ     |
| Cadmium, total                | <0.0008 | 0.0008 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2353 | KKJ     |
| Chromium, total               | <0.0080 | 0.0080 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2353 | KKJ     |
| Cobalt, total                 | 0.0014  | 0.0004 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2353 | KKJ     |
| Copper, total                 | 0.0057  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2353 | KKJ     |
| Lead, total                   | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2353 | KKJ     |
| Nickel, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2353 | KKJ     |
| Selenium, total               | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2353 | KKJ     |
| Silver, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2353 | KKJ     |
| Thallium, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2353 | KKJ     |
| Vanadium, total               | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2353 | KKJ     |
| Zinc, total                   | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/26/25 0950 | RVV     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: PECS-1  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-07

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 15:02

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Styrene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

|                   |            |                  |                  |
|-------------------|------------|------------------|------------------|
| Client Sample ID: | PECS-1     | Collected By:    | Whipple, Todd    |
| Sample Matrix:    | Aqueous    | Collection Date: | 03/12/2025 15:02 |
| Lab Sample ID:    | 11C0851-07 |                  |                  |

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Surrogate: Dibromofluoromethane             | 77.8   | Limit: 57-134 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Surrogate: Dibromofluoromethane             | 77.8   | Limit: 75-136 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 74.2   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 74.2   | Limit: 61-142 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Surrogate: Toluene-d8                       | 102    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Surrogate: Toluene-d8                       | 102    | Limit: 82-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 92.0   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 92.0   | Limit: 80-116 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1833 | CSM     |

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CERTIFICATE OF ANALYSIS

1IC0851

Client Sample ID: SW-102  
Sample Matrix: Aqueous  
Lab Sample ID: 1IC0851-08

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 10:52

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Styrene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: SW-102  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-08

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 10:52

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Surrogate: Dibromofluoromethane             | 72.8   | Limit: 57-134 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Surrogate: Dibromofluoromethane             | 72.8   | Limit: 75-136 | % Rec | 1  | S2   | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 72.6   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 72.6   | Limit: 61-142 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Surrogate: Toluene-d8                       | 105    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Surrogate: Toluene-d8                       | 105    | Limit: 82-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 90.6   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 90.6   | Limit: 80-116 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1855 | CSM     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |
| Barium, total                 | 0.152   | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |
| Beryllium, total              | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |
| Cadmium, total                | <0.0008 | 0.0008 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |
| Chromium, total               | <0.0080 | 0.0080 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |
| Cobalt, total                 | <0.0004 | 0.0004 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |
| Copper, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |
| Lead, total                   | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |
| Nickel, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |
| Selenium, total               | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |
| Silver, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |
| Thallium, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |
| Vanadium, total               | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |
| Zinc, total                   | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/19/25 2359 | KKJ     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: SW-103  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-09

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 13:43

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Styrene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: SW-103  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-09

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 13:43

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Surrogate: Dibromofluoromethane             | 71.3   | Limit: 57-134 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Surrogate: Dibromofluoromethane             | 71.3   | Limit: 75-136 | % Rec | 1  | S2   | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 70.3   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 70.3   | Limit: 61-142 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Surrogate: Toluene-d8                       | 104    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Surrogate: Toluene-d8                       | 104    | Limit: 82-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.3   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.3   | Limit: 80-116 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1917 | CSM     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |
| Barium, total                 | 0.150   | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |
| Beryllium, total              | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |
| Cadmium, total                | <0.0008 | 0.0008 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |
| Chromium, total               | <0.0080 | 0.0080 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |
| Cobalt, total                 | 0.0006  | 0.0004 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |
| Copper, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |
| Lead, total                   | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |
| Nickel, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |
| Selenium, total               | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |
| Silver, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |
| Thallium, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |
| Vanadium, total               | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |
| Zinc, total                   | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0005 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

Client Sample ID: MW-48 (B)  
Sample Matrix: Aqueous  
Lab Sample ID: 1IC0851-10

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 14:45

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Styrene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-48 (B)  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-10

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 14:45

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Surrogate: Dibromofluoromethane             | 73.5   | Limit: 57-134 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Surrogate: Dibromofluoromethane             | 73.5   | Limit: 75-136 | % Rec | 1  | S2   | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 71.2   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 71.2   | Limit: 61-142 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Surrogate: Toluene-d8                       | 103    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Surrogate: Toluene-d8                       | 103    | Limit: 82-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.9   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.9   | Limit: 80-116 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 1939 | CSM     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |
| Barium, total                 | 0.153   | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |
| Beryllium, total              | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |
| Cadmium, total                | <0.0008 | 0.0008 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |
| Chromium, total               | <0.0080 | 0.0080 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |
| Cobalt, total                 | <0.0004 | 0.0004 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |
| Copper, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |
| Lead, total                   | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |
| Nickel, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |
| Selenium, total               | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |
| Silver, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |
| Thallium, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |
| Vanadium, total               | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |
| Zinc, total                   | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0023 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

Client Sample ID: MW-39 (B)  
Sample Matrix: Aqueous  
Lab Sample ID: 1IC0851-11

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 12:33

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Styrene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-39 (B)  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-11

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 12:33

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Surrogate: Dibromofluoromethane             | 71.0   | Limit: 57-134 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Surrogate: Dibromofluoromethane             | 71.0   | Limit: 75-136 | % Rec | 1  | S2   | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 69.3   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 69.3   | Limit: 61-142 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Surrogate: Toluene-d8                       | 105    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Surrogate: Toluene-d8                       | 105    | Limit: 82-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.3   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.3   | Limit: 80-116 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2002 | CSM     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |
| Barium, total                 | 0.135   | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |
| Beryllium, total              | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |
| Cadmium, total                | <0.0008 | 0.0008 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |
| Chromium, total               | <0.0080 | 0.0080 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |
| Cobalt, total                 | <0.0004 | 0.0004 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |
| Copper, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |
| Lead, total                   | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |
| Nickel, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |
| Selenium, total               | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |
| Silver, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |
| Thallium, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |
| Vanadium, total               | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |
| Zinc, total                   | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0029 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

Client Sample ID: MW-78 (B)  
Sample Matrix: Aqueous  
Lab Sample ID: 1IC0851-12

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 11:51

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Styrene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-78 (B)  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-12

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 11:51

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Surrogate: Dibromofluoromethane             | 68.4   | Limit: 75-136 | % Rec | 1  | S2   | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Surrogate: Dibromofluoromethane             | 68.4   | Limit: 57-134 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 67.6   | Limit: 61-142 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 67.6   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Surrogate: Toluene-d8                       | 104    | Limit: 82-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Surrogate: Toluene-d8                       | 104    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 89.8   | Limit: 80-116 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 89.8   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2024 | CSM     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |
| Barium, total                 | 0.283   | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |
| Beryllium, total              | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |
| Cadmium, total                | <0.0008 | 0.0008 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |
| Chromium, total               | <0.0080 | 0.0080 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |
| Cobalt, total                 | <0.0004 | 0.0004 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |
| Copper, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |
| Lead, total                   | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |
| Nickel, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |
| Selenium, total               | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |
| Silver, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |
| Thallium, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |
| Vanadium, total               | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |
| Zinc, total                   | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0036 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

Client Sample ID: MW-62R  
Sample Matrix: Aqueous  
Lab Sample ID: 1IC0851-13

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 12:04

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 5030B/EPA 8260D                         |        |      |       |    |      |               |               |         |
| Dichlorodifluoromethane                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Acrolein                                    | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2046 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Methyl Iodide                               | <2.0   | 2.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Acetonitrile                                | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2046 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 2,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 2-Butanone (MEK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,1-Dichloropropene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Ethyl Methacrylate                          | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,3-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |

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CERTIFICATE OF ANALYSIS

1IC0851

Client Sample ID: MW-62R  
Sample Matrix: Aqueous  
Lab Sample ID: 1IC0851-13

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 12:04

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Chlorobenzene                               | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Xylenes, total                              | <2.0   | 2.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Styrene                                     | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Bromoform                                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,3-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| 1,2,4-Trichlorobenzene                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Allyl chloride                              | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1907 | RAF     |
| Chloroprene                                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1907 | RAF     |
| Methacrylonitrile                           | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1907 | RAF     |
| Methyl Methacrylate                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1907 | RAF     |
| Propionitrile                               | <10.0  | 10.0          | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1907 | RAF     |
| Surrogate: Dibromofluoromethane             | 94.9   | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Surrogate: Dibromofluoromethane             | 111    | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1907 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 92.4   | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 103    | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1907 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 67.5   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2046 | CSM     |
| Surrogate: Toluene-d8                       | 95.5   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Surrogate: Toluene-d8                       | 98.6   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1907 | RAF     |
| Surrogate: Toluene-d8                       | 103    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2046 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 93.5   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1904 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 95.9   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1907 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 91.5   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2046 | CSM     |

| Determination of General Solvents | Result | RL  | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-----|-------|----|------|---------------|---------------|---------|
| EPA 8015C                         |        |     |       |    |      |               |               |         |
| Isobutanol                        | <1.0   | 1.0 | mg/L  | 1  |      | 03/21/25 1147 | 03/23/25 0310 | PDS     |

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| EPA 3520C/EPA 8270C                                      |        |    |       |    |      |               |               |         |
| N-Nitrosodimethylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Methyl Methanesulfonate                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| N-Nitrosodiethylamine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| N-Nitrosomethylethylamine                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Ethyl Methanesulfonate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Phenol                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |





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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-62R  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-13

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 12:04

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| Bis(2-Chloroethyl) Ether                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2-Chlorophenol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Benzyl Alcohol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2-Methylphenol (o-Cresol)                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Bis[2-Chloroisopropyl]ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| n-Nitroso-di-n-propylamine                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| N-Nitrosopyrrolidine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Acetophenone                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| o-Toluidine                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| (3 & 4)-Methylphenol                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Hexachloroethane                                         | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Nitrobenzene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| N-Nitrosopiperidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Isophorone                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2,4-Dimethylphenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Bis (2-Chloroethoxy) Methane                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2,4-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Naphthalene                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 4-Chloroaniline                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2,6-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Hexachloropropene                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Hexachlorobutadiene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| N-Nitrosodi-n-butylamine                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 1,4-Phenylenediamine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 4-Chloro-3-methylphenol                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2-Methylnaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Isosafrole                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 1,2,4,5-Tetrachlorobenzene                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Hexachlorocyclopentadiene                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2,4,6-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2,4,5-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Safrole                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2-Chloronaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 1,4-Naphthoquinone                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Dimethylphthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 1,3-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 1,2-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2,6-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Acenaphthylene                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 3-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Acenaphthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-62R  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-13

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 12:04

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| 2,4-Dinitrophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 4-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Dibenzofuran                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2,4-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2,3,4,6-Tetrachlorophenol                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Pentachlorobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 1-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Diethyl Phthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Fluorene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 4-Chlorophenyl Phenyl Ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 4-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 5-Nitro-o-toluidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 4,6-Dinitro-2-methylphenol                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| N-Nitrosodiphenylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Diphenylamine                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Azobenzene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Diallate                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 1,3,5-Trinitrobenzene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Phenacetin                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 4-Bromophenyl Phenyl Ether                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 4-Aminobiphenyl                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Pentachlorophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Pronamide                                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Pentachloronitrobenzene (PCNB)                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Phenanthrene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Anthracene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Di-n-butyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Methapyrilene                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Fluoranthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Isodrin                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Chlorobenzilate                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Pyrene                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| p-(Dimethylamino)azobenzene                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 3,3-Dimethylbenzidine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Butyl Benzyl Phthalate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Benzo(a)anthracene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Chrysene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Bis(2-Ethylhexyl) Phthalate                              | <6     | 6  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Kepone                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 3,3'-Dichlorobenzidine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| 2-Acetylaminofluorene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |
| Di-n-octyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2157 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-62R  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-13

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 12:04

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared | Analyzed | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|
|----------------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|

|                                  |      |               |       |   |  |               |               |     |
|----------------------------------|------|---------------|-------|---|--|---------------|---------------|-----|
| Benzo(b)Fluoranthene             | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2157 | EPP |
| 7,12-Dimethylbenz [a] anthracene | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2157 | EPP |
| Benzo(k)Fluoranthene             | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2157 | EPP |
| Benzo(a)Pyrene                   | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2157 | EPP |
| 3-Methylcholanthrene             | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2157 | EPP |
| Dibenzo(a,h)anthracene           | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2157 | EPP |
| Indeno(1,2,3-cd)Pyrene           | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2157 | EPP |
| Benzo(g,h,i)perylene             | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2157 | EPP |
| Surrogate: 2-Fluorophenol        | 68.2 | Limit: 10-149 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2157 | EPP |
| Surrogate: Phenol-d6             | 72.0 | Limit: 10-143 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2157 | EPP |
| Surrogate: Nitrobenzene-d5       | 72.2 | Limit: 20-149 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2157 | EPP |
| Surrogate: 2-Fluorobiphenyl      | 76.4 | Limit: 11-146 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2157 | EPP |
| Surrogate: 2,4,6-Tribromophenol  | 91.2 | Limit: 10-153 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2157 | EPP |
| Surrogate: Terphenyl-dl4         | 84.7 | Limit: 27-155 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2157 | EPP |

| Determination of Organophosphorus Insecticides | Result | RL | Units | DF | Note | Prepared | Analyzed | Analyst |
|------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|
|------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|

EPA 3510C/EPA 8141

|                                 |      |               |       |   |  |               |               |     |
|---------------------------------|------|---------------|-------|---|--|---------------|---------------|-----|
| O,O,O-Triethyl phosphorothioate | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 1949 | EPP |
| Thionazin                       | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 1949 | EPP |
| Phorate                         | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 1949 | EPP |
| Dimethoate                      | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 1949 | EPP |
| Disulfoton                      | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 1949 | EPP |
| Methyl Parathion                | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 1949 | EPP |
| Parathion                       | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 1949 | EPP |
| Famphur                         | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 1949 | EPP |
| Surrogate: 2-Nitro-m-xylene     | 60.7 | Limit: 15-154 | % Rec | 1 |  | 03/17/25 1427 | 03/24/25 1949 | EPP |

| Determination of Chlorinated Phenoxy Herbicides | Result | RL | Units | DF | Note | Prepared | Analyzed | Analyst |
|-------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|
|-------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|

EPA 8151A

|                                     |      |               |       |   |  |               |               |     |
|-------------------------------------|------|---------------|-------|---|--|---------------|---------------|-----|
| 2,4-D                               | <2.0 | 2.0           | ug/L  | 1 |  | 03/14/25 1557 | 03/21/25 2002 | EPP |
| 2,4,5-TP (Silvex)                   | <0.5 | 0.5           | ug/L  | 1 |  | 03/14/25 1557 | 03/21/25 2002 | EPP |
| 2,4,5-T                             | <0.5 | 0.5           | ug/L  | 1 |  | 03/14/25 1557 | 03/21/25 2002 | EPP |
| Dinoseb                             | <0.5 | 0.5           | ug/L  | 1 |  | 03/14/25 1557 | 03/21/25 2002 | EPP |
| Surrogate: 2,5-Dichlorobenzoic Acid | 106  | Limit: 36-159 | % Rec | 1 |  | 03/14/25 1557 | 03/21/25 2002 | EPP |

| Determination of Organochlorine Insecticides & Metabolites | Result | RL | Units | DF | Note | Prepared | Analyzed | Analyst |
|------------------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|
|------------------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|

EPA 3510C/EPA 8081

|                     |       |      |      |   |  |               |               |     |
|---------------------|-------|------|------|---|--|---------------|---------------|-----|
| Alpha-BHC           | <0.05 | 0.05 | ug/L | 1 |  | 03/17/25 1421 | 03/21/25 1341 | EPP |
| Gamma-BHC [Lindane] | <0.05 | 0.05 | ug/L | 1 |  | 03/17/25 1421 | 03/21/25 1341 | EPP |
| Beta-BHC            | <0.05 | 0.05 | ug/L | 1 |  | 03/17/25 1421 | 03/21/25 1341 | EPP |
| Heptachlor          | <0.05 | 0.05 | ug/L | 1 |  | 03/17/25 1421 | 03/21/25 1341 | EPP |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-62R  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-13

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 12:04

| Determination of Organochlorine Insecticides & Metabolites | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Delta-BHC                                                  | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| Aldrin                                                     | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| Heptachlor Epoxide                                         | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| Endosulfan I                                               | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| 4,4'-DDE                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| Dieldrin                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| Endrin                                                     | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| 4,4'-DDD                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| Endosulfan II                                              | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| 4,4'-DDT                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| Endrin Aldehyde                                            | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| Endosulfan Sulfate                                         | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| Methoxychlor                                               | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| Chlordane                                                  | <0.10  | 0.10          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| Toxaphene                                                  | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| Hexachlorobenzene                                          | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |
| Surrogate: Tetrachloro-m-xylene                            | 77.8   | Limit: 40-116 | % Rec | 1  |      | 03/17/25 1421 | 03/21/25 1341 | EPP     |

| Determination of Polychlorinated Biphenyls (PCB) | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|--------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8082                               |        |               |       |    |      |               |               |         |
| Arochlor 1016                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1341 | EPP     |
| Arochlor 1221                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1341 | EPP     |
| Arochlor 1232                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1341 | EPP     |
| Arochlor 1242                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1341 | EPP     |
| Arochlor 1248                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1341 | EPP     |
| Arochlor 1254                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1341 | EPP     |
| Arochlor 1260                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1341 | EPP     |
| Surrogate: Tetrachloro-m-xylene                  | 77.8   | Limit: 37-120 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1341 | EPP     |
| Surrogate: Decachlorobiphenyl                    | 81.9   | Limit: 22-116 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1341 | EPP     |

| Determination of Conventional Chemistry Parameters | Result | RL    | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------|--------|-------|-------|----|------|---------------|---------------|---------|
| EPA 376.2                                          |        |       |       |    |      |               |               |         |
| Sulfide, total                                     | <0.10  | 0.10  | mg/L  | 1  |      |               | 03/17/25 0928 | AKK     |
| EPA 9014                                           |        |       |       |    |      |               |               |         |
| Cyanide, total                                     | <0.010 | 0.010 | mg/L  | 1  |      | 03/20/25 0716 | 03/21/25 0908 | CES     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| Barium, total                 | 0.946   | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

|                   |            |                  |                  |
|-------------------|------------|------------------|------------------|
| Client Sample ID: | MW-62R     | Collected By:    | Whipple, Todd    |
| Sample Matrix:    | Aqueous    | Collection Date: | 03/12/2025 12:04 |
| Lab Sample ID:    | 1IC0851-13 |                  |                  |

| Determination of Total Metals | Result   | RL      | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|----------|---------|-------|----|------|---------------|---------------|---------|
| Beryllium, total              | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| Cadmium, total                | <0.0008  | 0.0008  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| Chromium, total               | <0.0080  | 0.0080  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| Cobalt, total                 | <0.0004  | 0.0004  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| Copper, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| Lead, total                   | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| Nickel, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| Selenium, total               | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| Silver, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| Thallium, total               | <0.0020  | 0.0020  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| Tin, total                    | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| Vanadium, total               | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| Zinc, total                   | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0042 | KKJ     |
| <b>EPA 7470A</b>              |          |         |       |    |      |               |               |         |
| Mercury, total                | <0.00050 | 0.00050 | mg/L  | 1  |      | 03/20/25 1536 | 03/21/25 1508 | JAR     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-79  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-14

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 11:37

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Styrene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-79  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-14

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 11:37

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Surrogate: Dibromofluoromethane             | 69.0   | Limit: 75-136 | % Rec | 1  | S2   | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Surrogate: Dibromofluoromethane             | 69.0   | Limit: 57-134 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 66.7   | Limit: 61-142 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 66.7   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Surrogate: Toluene-d8                       | 104    | Limit: 82-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Surrogate: Toluene-d8                       | 104    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.7   | Limit: 80-116 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.7   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2109 | CSM     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |
| Barium, total                 | 0.0549  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |
| Beryllium, total              | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |
| Cadmium, total                | <0.0008 | 0.0008 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |
| Chromium, total               | <0.0080 | 0.0080 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |
| Cobalt, total                 | <0.0004 | 0.0004 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |
| Copper, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |
| Lead, total                   | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |
| Nickel, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |
| Selenium, total               | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |
| Silver, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |
| Thallium, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |
| Vanadium, total               | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |
| Zinc, total                   | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0048 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

Client Sample ID: MW-80  
Sample Matrix: Aqueous  
Lab Sample ID: 1IC0851-15

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 1:13

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Dichlorodifluoromethane                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Acrolein                                    | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2131 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Methyl Iodide                               | <2.0   | 2.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Acetonitrile                                | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2131 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 2,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 2-Butanone (MEK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,1-Dichloropropene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Ethyl Methacrylate                          | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,3-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-80  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-15

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 1:13

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Chlorobenzene                               | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Xylenes, total                              | <2.0   | 2.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Styrene                                     | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Bromoform                                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,3-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| 1,2,4-Trichlorobenzene                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Allyl chloride                              | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1930 | RAF     |
| Chloroprene                                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1930 | RAF     |
| Methacrylonitrile                           | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1930 | RAF     |
| Methyl Methacrylate                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1930 | RAF     |
| Propionitrile                               | <10.0  | 10.0          | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1930 | RAF     |
| Surrogate: Dibromofluoromethane             | 93.3   | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Surrogate: Dibromofluoromethane             | 108    | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1930 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 91.6   | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 101    | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1930 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 67.3   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2131 | CSM     |
| Surrogate: Toluene-d8                       | 96.5   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Surrogate: Toluene-d8                       | 97.6   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1930 | RAF     |
| Surrogate: Toluene-d8                       | 102    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2131 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.6   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1927 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 99.5   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1930 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 92.7   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2131 | CSM     |

| Determination of General Solvents | Result | RL  | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-----|-------|----|------|---------------|---------------|---------|
| EPA 8015C                         |        |     |       |    |      |               |               |         |
| Isobutanol                        | <1.0   | 1.0 | mg/L  | 1  |      | 03/21/25 1147 | 03/23/25 0348 | PDS     |

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| EPA 3520C/EPA 8270C                                      |        |    |       |    |      |               |               |         |
| N-Nitrosodimethylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Methyl Methanesulfonate                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| N-Nitrosodiethylamine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| N-Nitrosomethylethylamine                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Ethyl Methanesulfonate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Phenol                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-80  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-15

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 1:13

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| Bis(2-Chloroethyl) Ether                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2-Chlorophenol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Benzyl Alcohol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2-Methylphenol (o-Cresol)                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Bis[2-Chloroisopropyl]ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| n-Nitroso-di-n-propylamine                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| N-Nitrosopyrrolidine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Acetophenone                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| o-Toluidine                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| (3 & 4)-Methylphenol                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Hexachloroethane                                         | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Nitrobenzene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| N-Nitrosopiperidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Isophorone                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2,4-Dimethylphenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Bis (2-Chloroethoxy) Methane                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2,4-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Naphthalene                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 4-Chloroaniline                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2,6-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Hexachloropropene                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Hexachlorobutadiene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| N-Nitrosodi-n-butylamine                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 1,4-Phenylenediamine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 4-Chloro-3-methylphenol                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2-Methylnaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Isosafrole                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 1,2,4,5-Tetrachlorobenzene                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Hexachlorocyclopentadiene                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2,4,6-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2,4,5-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Safrole                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2-Chloronaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 1,4-Naphthoquinone                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Dimethylphthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 1,3-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 1,2-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2,6-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Acenaphthylene                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 3-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Acenaphthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-80  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-15

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 1:13

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| 2,4-Dinitrophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 4-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Dibenzofuran                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2,4-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2,3,4,6-Tetrachlorophenol                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Pentachlorobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 1-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Diethyl Phthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Fluorene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 4-Chlorophenyl Phenyl Ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 4-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 5-Nitro-o-toluidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 4,6-Dinitro-2-methylphenol                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| N-Nitrosodiphenylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Diphenylamine                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Azobenzene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Diallate                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 1,3,5-Trinitrobenzene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Phenacetin                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 4-Bromophenyl Phenyl Ether                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 4-Aminobiphenyl                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Pentachlorophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Pronamide                                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Pentachloronitrobenzene (PCNB)                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Phenanthrene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Anthracene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Di-n-butyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Methapyrilene                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Fluoranthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Isodrin                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Chlorobenzilate                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Pyrene                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| p-(Dimethylamino)azobenzene                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 3,3-Dimethylbenzidine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Butyl Benzyl Phthalate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Benzo(a)anthracene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Chrysene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Bis(2-Ethylhexyl) Phthalate                              | <6     | 6  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Kepone                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 3,3'-Dichlorobenzidine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 2-Acetylaminofluorene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Di-n-octyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-80  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-15

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 1:13

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Benzo(b)Fluoranthene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 7,12-Dimethylbenz [a] anthracene                         | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Benzo(k)Fluoranthene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Benzo(a)Pyrene                                           | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| 3-Methylcholanthrene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Dibenzo(a,h)anthracene                                   | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Indeno(1,2,3-cd)Pyrene                                   | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Benzo(g,h,i)perylene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Surrogate: 2-Fluorophenol                                | 55.8   | Limit: 10-149 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Surrogate: Phenol-d6                                     | 47.6   | Limit: 10-143 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Surrogate: Nitrobenzene-d5                               | 67.7   | Limit: 20-149 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Surrogate: 2-Fluorobiphenyl                              | 75.4   | Limit: 11-146 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Surrogate: 2,4,6-Tribromophenol                          | 68.4   | Limit: 10-153 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |
| Surrogate: Terphenyl-dl4                                 | 85.7   | Limit: 27-155 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2222 | EPP     |

| Determination of Organophosphorus Insecticides | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8141                             |        |               |       |    |      |               |               |         |
| O,O,O-Triethyl phosphorothioate                | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2031 | EPP     |
| Thionazin                                      | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2031 | EPP     |
| Phorate                                        | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2031 | EPP     |
| Dimethoate                                     | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2031 | EPP     |
| Disulfoton                                     | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2031 | EPP     |
| Methyl Parathion                               | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2031 | EPP     |
| Parathion                                      | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2031 | EPP     |
| Famphur                                        | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2031 | EPP     |
| Surrogate: 2-Nitro-m-xylene                    | 65.0   | Limit: 15-154 | % Rec | 1  |      | 03/17/25 1427 | 03/24/25 2031 | EPP     |

| Determination of Chlorinated Phenoxy Herbicides | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 8151A                                       |        |               |       |    |      |               |               |         |
| 2,4-D                                           | <2.0   | 2.0           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 2034 | EPP     |
| 2,4,5-TP (Silvex)                               | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 2034 | EPP     |
| 2,4,5-T                                         | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 2034 | EPP     |
| Dinoseb                                         | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 2034 | EPP     |
| Surrogate: 2,5-Dichlorobenzoic Acid             | 156    | Limit: 36-159 | % Rec | 1  |      | 03/14/25 1557 | 03/21/25 2034 | EPP     |

| Determination of Organochlorine Insecticides & Metabolites | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8081                                         |        |      |       |    |      |               |               |         |
| Alpha-BHC                                                  | <0.05  | 0.05 | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Gamma-BHC [Lindane]                                        | <0.05  | 0.05 | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Beta-BHC                                                   | <0.05  | 0.05 | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Heptachlor                                                 | <0.05  | 0.05 | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |



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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-80  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-15

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 1:13

| Determination of Organochlorine Insecticides & Metabolites | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Delta-BHC                                                  | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Aldrin                                                     | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Heptachlor Epoxide                                         | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Endosulfan I                                               | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| 4,4'-DDE                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Dieldrin                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Endrin                                                     | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| 4,4'-DDD                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Endosulfan II                                              | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| 4,4'-DDT                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Endrin Aldehyde                                            | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Endosulfan Sulfate                                         | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Methoxychlor                                               | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Chlordane                                                  | <0.10  | 0.10          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Toxaphene                                                  | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Hexachlorobenzene                                          | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |
| Surrogate: Tetrachloro-m-xylene                            | 76.9   | Limit: 40-116 | % Rec | 1  |      | 03/17/25 1421 | 03/21/25 1355 | EPP     |

| Determination of Polychlorinated Biphenyls (PCB) | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|--------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8082                               |        |               |       |    |      |               |               |         |
| Arochlor 1016                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1355 | EPP     |
| Arochlor 1221                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1355 | EPP     |
| Arochlor 1232                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1355 | EPP     |
| Arochlor 1242                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1355 | EPP     |
| Arochlor 1248                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1355 | EPP     |
| Arochlor 1254                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1355 | EPP     |
| Arochlor 1260                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1355 | EPP     |
| Surrogate: Tetrachloro-m-xylene                  | 76.9   | Limit: 37-120 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1355 | EPP     |
| Surrogate: Decachlorobiphenyl                    | 94.9   | Limit: 22-116 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1355 | EPP     |

| Determination of Conventional Chemistry Parameters | Result | RL    | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------|--------|-------|-------|----|------|---------------|---------------|---------|
| EPA 376.2                                          |        |       |       |    |      |               |               |         |
| Sulfide, total                                     | <0.10  | 0.10  | mg/L  | 1  |      |               | 03/17/25 0928 | AKK     |
| EPA 9014                                           |        |       |       |    |      |               |               |         |
| Cyanide, total                                     | <0.010 | 0.010 | mg/L  | 1  |      | 03/20/25 0716 | 03/21/25 0908 | CES     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| Arsenic, total                | 0.0046  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| Barium, total                 | 0.127   | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

|                   |            |                  |                 |
|-------------------|------------|------------------|-----------------|
| Client Sample ID: | MW-80      | Collected By:    | Whipple, Todd   |
| Sample Matrix:    | Aqueous    | Collection Date: | 03/12/2025 1:13 |
| Lab Sample ID:    | 1IC0851-15 |                  |                 |

| Determination of Total Metals | Result   | RL      | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|----------|---------|-------|----|------|---------------|---------------|---------|
| Beryllium, total              | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| Cadmium, total                | <0.0008  | 0.0008  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| Chromium, total               | <0.0080  | 0.0080  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| Cobalt, total                 | 0.0018   | 0.0004  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| Copper, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| Lead, total                   | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| Nickel, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| Selenium, total               | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| Silver, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| Thallium, total               | <0.0020  | 0.0020  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| Tin, total                    | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| Vanadium, total               | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| Zinc, total                   | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0054 | KKJ     |
| <b>EPA 7470A</b>              |          |         |       |    |      |               |               |         |
| Mercury, total                | <0.00050 | 0.00050 | mg/L  | 1  |      | 03/20/25 1536 | 03/21/25 1510 | JAR     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-36  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-16

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 12:47

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Styrene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-36  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-16

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 12:47

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Surrogate: Dibromofluoromethane             | 64.9   | Limit: 57-134 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Surrogate: Dibromofluoromethane             | 64.9   | Limit: 75-136 | % Rec | 1  | S2   | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 62.4   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 62.4   | Limit: 61-142 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Surrogate: Toluene-d8                       | 107    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Surrogate: Toluene-d8                       | 107    | Limit: 82-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 89.2   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 89.2   | Limit: 80-116 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2153 | CSM     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |
| Barium, total                 | 0.0763  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |
| Beryllium, total              | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |
| Cadmium, total                | <0.0008 | 0.0008 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |
| Chromium, total               | <0.0080 | 0.0080 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |
| Cobalt, total                 | <0.0004 | 0.0004 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |
| Copper, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |
| Lead, total                   | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |
| Nickel, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |
| Selenium, total               | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |
| Silver, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |
| Thallium, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |
| Vanadium, total               | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |
| Zinc, total                   | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0100 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

Client Sample ID: MW-41  
Sample Matrix: Aqueous  
Lab Sample ID: 1IC0851-17

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 9:03

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Dichlorodifluoromethane                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Acrolein                                    | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2216 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Methyl Iodide                               | <2.0   | 2.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Acetonitrile                                | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2216 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,1-Dichloroethane                          | 19.5   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 2,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| cis-1,2-Dichloroethylene                    | 3.3    | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 2-Butanone (MEK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,1-Dichloropropene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Ethyl Methacrylate                          | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,3-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-41  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-17

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 9:03

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Chlorobenzene                               | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Xylenes, total                              | <2.0   | 2.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Styrene                                     | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Bromoform                                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,3-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| 1,2,4-Trichlorobenzene                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Allyl chloride                              | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1953 | RAF     |
| Chloroprene                                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1953 | RAF     |
| Methacrylonitrile                           | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1953 | RAF     |
| Methyl Methacrylate                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1953 | RAF     |
| Propionitrile                               | <10.0  | 10.0          | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 1953 | RAF     |
| Surrogate: Dibromofluoromethane             | 94.6   | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Surrogate: Dibromofluoromethane             | 105    | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1953 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 105    | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1953 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 91.5   | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 65.4   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2216 | CSM     |
| Surrogate: Toluene-d8                       | 98.6   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Surrogate: Toluene-d8                       | 98.0   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1953 | RAF     |
| Surrogate: Toluene-d8                       | 102    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2216 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 99.6   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1953 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 96.5   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 1949 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 89.6   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2216 | CSM     |

| Determination of General Solvents | Result | RL  | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-----|-------|----|------|---------------|---------------|---------|
| EPA 8015C                         |        |     |       |    |      |               |               |         |
| Isobutanol                        | <1.0   | 1.0 | mg/L  | 1  |      | 03/21/25 1147 | 03/23/25 0426 | PDS     |

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| EPA 3520C/EPA 8270C                                      |        |    |       |    |      |               |               |         |
| N-Nitrosodimethylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Methyl Methanesulfonate                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| N-Nitrosodiethylamine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| N-Nitrosomethylethylamine                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Ethyl Methanesulfonate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Phenol                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-41  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-17

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 9:03

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| Bis(2-Chloroethyl) Ether                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2-Chlorophenol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Benzyl Alcohol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2-Methylphenol (o-Cresol)                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Bis[2-Chloroisopropyl]ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| n-Nitroso-di-n-propylamine                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| N-Nitrosopyrrolidine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Acetophenone                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| o-Toluidine                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| (3 & 4)-Methylphenol                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Hexachloroethane                                         | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Nitrobenzene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| N-Nitrosopiperidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Isophorone                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2,4-Dimethylphenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Bis (2-Chloroethoxy) Methane                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2,4-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Naphthalene                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 4-Chloroaniline                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2,6-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Hexachloropropene                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Hexachlorobutadiene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| N-Nitrosodi-n-butylamine                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 1,4-Phenylenediamine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 4-Chloro-3-methylphenol                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2-Methylnaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Isosafrole                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 1,2,4,5-Tetrachlorobenzene                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Hexachlorocyclopentadiene                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2,4,6-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2,4,5-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Safrole                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2-Chloronaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 1,4-Naphthoquinone                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Dimethylphthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 1,3-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 1,2-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2,6-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Acenaphthylene                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 3-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Acenaphthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-41  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-17

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 9:03

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| 2,4-Dinitrophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 4-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Dibenzofuran                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2,4-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2,3,4,6-Tetrachlorophenol                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Pentachlorobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 1-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Diethyl Phthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Fluorene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 4-Chlorophenyl Phenyl Ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 4-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 5-Nitro-o-toluidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 4,6-Dinitro-2-methylphenol                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| N-Nitrosodiphenylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Diphenylamine                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Azobenzene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Diallate                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 1,3,5-Trinitrobenzene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Phenacetin                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 4-Bromophenyl Phenyl Ether                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 4-Aminobiphenyl                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Pentachlorophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Pronamide                                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Pentachloronitrobenzene (PCNB)                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Phenanthrene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Anthracene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Di-n-butyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Methapyrilene                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Fluoranthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Isodrin                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Chlorobenzilate                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Pyrene                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| p-(Dimethylamino)azobenzene                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 3,3-Dimethylbenzidine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Butyl Benzyl Phthalate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Benzo(a)anthracene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Chrysene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Bis(2-Ethylhexyl) Phthalate                              | <6     | 6  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Kepone                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 3,3'-Dichlorobenzidine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 2-Acetylaminofluorene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Di-n-octyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-41  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-17

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 9:03

| Determination of Base/Neutral/Acid Extractable Compounds   | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Benzo(b)Fluoranthene                                       | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 7,12-Dimethylbenz [a] anthracene                           | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Benzo(k)Fluoranthene                                       | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Benzo(a)Pyrene                                             | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| 3-Methylcholanthrene                                       | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Dibenzo(a,h)anthracene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Indeno(1,2,3-cd)Pyrene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Benzo(g,h,i)perylene                                       | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Surrogate: 2-Fluorophenol                                  | 59.4   | Limit: 10-149 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Surrogate: Phenol-d6                                       | 61.9   | Limit: 10-143 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Surrogate: Nitrobenzene-d5                                 | 66.5   | Limit: 20-149 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Surrogate: 2-Fluorobiphenyl                                | 70.3   | Limit: 11-146 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Surrogate: 2,4,6-Tribromophenol                            | 86.4   | Limit: 10-153 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Surrogate: Terphenyl-dl4                                   | 85.0   | Limit: 27-155 | % Rec | 1  |      | 03/19/25 1349 | 03/24/25 2246 | EPP     |
| Determination of Organophosphorus Insecticides             | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
| EPA 3510C/EPA 8141                                         |        |               |       |    |      |               |               |         |
| O,O,O-Triethyl phosphorothioate                            | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2113 | EPP     |
| Thionazin                                                  | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2113 | EPP     |
| Phorate                                                    | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2113 | EPP     |
| Dimethoate                                                 | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2113 | EPP     |
| Disulfoton                                                 | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2113 | EPP     |
| Methyl Parathion                                           | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2113 | EPP     |
| Parathion                                                  | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2113 | EPP     |
| Famphur                                                    | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2113 | EPP     |
| Surrogate: 2-Nitro-m-xylene                                | 59.7   | Limit: 15-154 | % Rec | 1  |      | 03/17/25 1427 | 03/24/25 2113 | EPP     |
| Determination of Chlorinated Phenoxy Herbicides            | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
| EPA 8151A                                                  |        |               |       |    |      |               |               |         |
| 2,4-D                                                      | <2.0   | 2.0           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 2106 | EPP     |
| 2,4,5-TP (Silvex)                                          | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 2106 | EPP     |
| 2,4,5-T                                                    | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 2106 | EPP     |
| Dinoseb                                                    | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 2106 | EPP     |
| Surrogate: 2,5-Dichlorobenzoic Acid                        | 141    | Limit: 36-159 | % Rec | 1  |      | 03/14/25 1557 | 03/21/25 2106 | EPP     |
| Determination of Organochlorine Insecticides & Metabolites | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
| EPA 3510C/EPA 8081                                         |        |               |       |    |      |               |               |         |
| Alpha-BHC                                                  | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Gamma-BHC [Lindane]                                        | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Beta-BHC                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Heptachlor                                                 | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-41  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-17

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 9:03

| Determination of Organochlorine Insecticides & Metabolites | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Delta-BHC                                                  | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Aldrin                                                     | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Heptachlor Epoxide                                         | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Endosulfan I                                               | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| 4,4'-DDE                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Dieldrin                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Endrin                                                     | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| 4,4'-DDD                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Endosulfan II                                              | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| 4,4'-DDT                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Endrin Aldehyde                                            | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Endosulfan Sulfate                                         | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Methoxychlor                                               | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Chlordane                                                  | <0.10  | 0.10          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Toxaphene                                                  | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Hexachlorobenzene                                          | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |
| Surrogate: Tetrachloro-m-xylene                            | 71.8   | Limit: 40-116 | % Rec | 1  |      | 03/17/25 1421 | 03/21/25 1409 | EPP     |

| Determination of Polychlorinated Biphenyls (PCB) | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|--------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8082                               |        |               |       |    |      |               |               |         |
| Arochlor 1016                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1409 | EPP     |
| Arochlor 1221                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1409 | EPP     |
| Arochlor 1232                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1409 | EPP     |
| Arochlor 1242                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1409 | EPP     |
| Arochlor 1248                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1409 | EPP     |
| Arochlor 1254                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1409 | EPP     |
| Arochlor 1260                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1409 | EPP     |
| Surrogate: Tetrachloro-m-xylene                  | 71.8   | Limit: 37-120 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1409 | EPP     |
| Surrogate: Decachlorobiphenyl                    | 92.2   | Limit: 22-116 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1409 | EPP     |

| Determination of Conventional Chemistry Parameters | Result | RL    | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------|--------|-------|-------|----|------|---------------|---------------|---------|
| EPA 376.2                                          |        |       |       |    |      |               |               |         |
| Sulfide, total                                     | <0.10  | 0.10  | mg/L  | 1  |      |               | 03/17/25 0928 | AKK     |
| EPA 9014                                           |        |       |       |    |      |               |               |         |
| Cyanide, total                                     | <0.010 | 0.010 | mg/L  | 1  |      | 03/20/25 0716 | 03/21/25 0908 | CES     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| Barium, total                 | 0.0731  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

|                   |            |                  |                 |
|-------------------|------------|------------------|-----------------|
| Client Sample ID: | MW-41      | Collected By:    | Whipple, Todd   |
| Sample Matrix:    | Aqueous    | Collection Date: | 03/12/2025 9:03 |
| Lab Sample ID:    | 1IC0851-17 |                  |                 |

| Determination of Total Metals | Result   | RL      | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|----------|---------|-------|----|------|---------------|---------------|---------|
| Beryllium, total              | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| Cadmium, total                | <0.0008  | 0.0008  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| Chromium, total               | <0.0080  | 0.0080  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| Cobalt, total                 | <0.0004  | 0.0004  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| Copper, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| Lead, total                   | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| Nickel, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| Selenium, total               | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| Silver, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| Thallium, total               | <0.0020  | 0.0020  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| Tin, total                    | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| Vanadium, total               | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| Zinc, total                   | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0106 | KKJ     |
| <b>EPA 7470A</b>              |          |         |       |    |      |               |               |         |
| Mercury, total                | <0.00050 | 0.00050 | mg/L  | 1  |      | 03/20/25 1536 | 03/21/25 1517 | JAR     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-42  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-18

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 9:42

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Styrene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-42  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-18

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 9:42

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Surrogate: Dibromofluoromethane             | 68.7   | Limit: 57-134 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Surrogate: Dibromofluoromethane             | 68.7   | Limit: 75-136 | % Rec | 1  | S2   | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 65.1   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 65.1   | Limit: 61-142 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Surrogate: Toluene-d8                       | 103    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Surrogate: Toluene-d8                       | 103    | Limit: 82-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.1   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.1   | Limit: 80-116 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2238 | CSM     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |
| Barium, total                 | 0.0181  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |
| Beryllium, total              | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |
| Cadmium, total                | <0.0008 | 0.0008 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |
| Chromium, total               | <0.0080 | 0.0080 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |
| Cobalt, total                 | <0.0004 | 0.0004 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |
| Copper, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |
| Lead, total                   | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |
| Nickel, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |
| Selenium, total               | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |
| Silver, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |
| Thallium, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |
| Vanadium, total               | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |
| Zinc, total                   | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0113 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

Client Sample ID: MW-58  
Sample Matrix: Aqueous  
Lab Sample ID: 1IC0851-19

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 10:00

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Dichlorodifluoromethane                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Acrolein                                    | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2300 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Methyl Iodide                               | <2.0   | 2.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Acetonitrile                                | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2300 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 2,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 2-Butanone (MEK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,1-Dichloropropene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Ethyl Methacrylate                          | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,3-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-58  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-19

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 10:00

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Chlorobenzene                               | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Xylenes, total                              | <2.0   | 2.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Styrene                                     | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Bromoform                                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,3-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| 1,2,4-Trichlorobenzene                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Allyl chloride                              | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2016 | RAF     |
| Chloroprene                                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2016 | RAF     |
| Methacrylonitrile                           | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2016 | RAF     |
| Methyl Methacrylate                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2016 | RAF     |
| Propionitrile                               | <10.0  | 10.0          | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2016 | RAF     |
| Surrogate: Dibromofluoromethane             | 110    | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2016 | RAF     |
| Surrogate: Dibromofluoromethane             | 94.3   | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 105    | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2016 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 64.7   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2300 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 88.5   | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Surrogate: Toluene-d8                       | 105    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2300 | CSM     |
| Surrogate: Toluene-d8                       | 97.2   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2016 | RAF     |
| Surrogate: Toluene-d8                       | 98.9   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 97.7   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2016 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 91.3   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2300 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 90.8   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2011 | CSM     |

| Determination of General Solvents | Result | RL  | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-----|-------|----|------|---------------|---------------|---------|
| EPA 8015C                         |        |     |       |    |      |               |               |         |
| Isobutanol                        | <1.0   | 1.0 | mg/L  | 1  |      | 03/21/25 1147 | 03/23/25 0504 | PDS     |

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| EPA 3520C/EPA 8270C                                      |        |    |       |    |      |               |               |         |
| N-Nitrosodimethylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Methyl Methanesulfonate                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| N-Nitrosodiethylamine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| N-Nitrosomethylethylamine                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Ethyl Methanesulfonate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Phenol                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-58  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-19

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 10:00

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| Bis(2-Chloroethyl) Ether                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2-Chlorophenol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Benzyl Alcohol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2-Methylphenol (o-Cresol)                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Bis[2-Chloroisopropyl]ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| n-Nitroso-di-n-propylamine                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| N-Nitrosopyrrolidine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Acetophenone                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| o-Toluidine                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| (3 & 4)-Methylphenol                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Hexachloroethane                                         | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Nitrobenzene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| N-Nitrosopiperidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Isophorone                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2,4-Dimethylphenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Bis (2-Chloroethoxy) Methane                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2,4-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Naphthalene                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 4-Chloroaniline                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2,6-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Hexachloropropene                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Hexachlorobutadiene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| N-Nitrosodi-n-butylamine                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 1,4-Phenylenediamine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 4-Chloro-3-methylphenol                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2-Methylnaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Isosafrole                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 1,2,4,5-Tetrachlorobenzene                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Hexachlorocyclopentadiene                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2,4,6-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2,4,5-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Safrole                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2-Chloronaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 1,4-Naphthoquinone                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Dimethylphthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 1,3-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 1,2-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2,6-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Acenaphthylene                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 3-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Acenaphthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-58  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-19

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 10:00

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| 2,4-Dinitrophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 4-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Dibenzofuran                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2,4-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2,3,4,6-Tetrachlorophenol                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Pentachlorobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 1-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Diethyl Phthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Fluorene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 4-Chlorophenyl Phenyl Ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 4-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 5-Nitro-o-toluidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 4,6-Dinitro-2-methylphenol                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| N-Nitrosodiphenylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Diphenylamine                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Azobenzene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Diallate                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 1,3,5-Trinitrobenzene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Phenacetin                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 4-Bromophenyl Phenyl Ether                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 4-Aminobiphenyl                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Pentachlorophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Pronamide                                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Pentachloronitrobenzene (PCNB)                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Phenanthrene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Anthracene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Di-n-butyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Methapyrilene                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Fluoranthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Isodrin                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Chlorobenzilate                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Pyrene                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| p-(Dimethylamino)azobenzene                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 3,3-Dimethylbenzidine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Butyl Benzyl Phthalate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Benzo(a)anthracene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Chrysene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Bis(2-Ethylhexyl) Phthalate                              | <6     | 6  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Kepone                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 3,3'-Dichlorobenzidine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| 2-Acetylaminofluorene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |
| Di-n-octyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2311 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-58  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-19

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 10:00

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared | Analyzed | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|
|----------------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|

|                                  |      |               |       |   |  |               |               |     |
|----------------------------------|------|---------------|-------|---|--|---------------|---------------|-----|
| Benzo(b)Fluoranthene             | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2311 | EPP |
| 7,12-Dimethylbenz [a] anthracene | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2311 | EPP |
| Benzo(k)Fluoranthene             | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2311 | EPP |
| Benzo(a)Pyrene                   | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2311 | EPP |
| 3-Methylcholanthrene             | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2311 | EPP |
| Dibenzo(a,h)anthracene           | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2311 | EPP |
| Indeno(1,2,3-cd)Pyrene           | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2311 | EPP |
| Benzo(g,h,i)perylene             | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2311 | EPP |
| Surrogate: 2-Fluorophenol        | 45.1 | Limit: 10-149 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2311 | EPP |
| Surrogate: Phenol-d6             | 46.6 | Limit: 10-143 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2311 | EPP |
| Surrogate: Nitrobenzene-d5       | 69.6 | Limit: 20-149 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2311 | EPP |
| Surrogate: 2-Fluorobiphenyl      | 72.2 | Limit: 11-146 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2311 | EPP |
| Surrogate: 2,4,6-Tribromophenol  | 45.5 | Limit: 10-153 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2311 | EPP |
| Surrogate: Terphenyl-dl4         | 81.9 | Limit: 27-155 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2311 | EPP |

| Determination of Organophosphorus Insecticides | Result | RL | Units | DF | Note | Prepared | Analyzed | Analyst |
|------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|
|------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|

EPA 3510C/EPA 8141

|                                 |      |               |       |   |  |               |               |     |
|---------------------------------|------|---------------|-------|---|--|---------------|---------------|-----|
| O,O,O-Triethyl phosphorothioate | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2155 | EPP |
| Thionazin                       | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2155 | EPP |
| Phorate                         | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2155 | EPP |
| Dimethoate                      | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2155 | EPP |
| Disulfoton                      | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2155 | EPP |
| Methyl Parathion                | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2155 | EPP |
| Parathion                       | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2155 | EPP |
| Famphur                         | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2155 | EPP |
| Surrogate: 2-Nitro-m-xylene     | 67.0 | Limit: 15-154 | % Rec | 1 |  | 03/17/25 1427 | 03/24/25 2155 | EPP |

| Determination of Chlorinated Phenoxy Herbicides | Result | RL | Units | DF | Note | Prepared | Analyzed | Analyst |
|-------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|
|-------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|

EPA 8151A

|                                     |      |               |       |   |  |               |               |     |
|-------------------------------------|------|---------------|-------|---|--|---------------|---------------|-----|
| 2,4-D                               | <2.0 | 2.0           | ug/L  | 1 |  | 03/14/25 1557 | 03/21/25 2138 | EPP |
| 2,4,5-TP (Silvex)                   | <0.5 | 0.5           | ug/L  | 1 |  | 03/14/25 1557 | 03/21/25 2138 | EPP |
| 2,4,5-T                             | <0.5 | 0.5           | ug/L  | 1 |  | 03/14/25 1557 | 03/21/25 2138 | EPP |
| Dinoseb                             | <0.5 | 0.5           | ug/L  | 1 |  | 03/14/25 1557 | 03/21/25 2138 | EPP |
| Surrogate: 2,5-Dichlorobenzoic Acid | 125  | Limit: 36-159 | % Rec | 1 |  | 03/14/25 1557 | 03/21/25 2138 | EPP |

| Determination of Organochlorine Insecticides & Metabolites | Result | RL | Units | DF | Note | Prepared | Analyzed | Analyst |
|------------------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|
|------------------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|

EPA 3510C/EPA 8081

|                     |       |      |      |   |  |               |               |     |
|---------------------|-------|------|------|---|--|---------------|---------------|-----|
| Alpha-BHC           | <0.05 | 0.05 | ug/L | 1 |  | 03/17/25 1421 | 03/21/25 1424 | EPP |
| Gamma-BHC [Lindane] | <0.05 | 0.05 | ug/L | 1 |  | 03/17/25 1421 | 03/21/25 1424 | EPP |
| Beta-BHC            | <0.05 | 0.05 | ug/L | 1 |  | 03/17/25 1421 | 03/21/25 1424 | EPP |
| Heptachlor          | <0.05 | 0.05 | ug/L | 1 |  | 03/17/25 1421 | 03/21/25 1424 | EPP |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-58  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-19

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 10:00

| Determination of Organochlorine Insecticides & Metabolites | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Delta-BHC                                                  | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| Aldrin                                                     | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| Heptachlor Epoxide                                         | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| Endosulfan I                                               | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| 4,4'-DDE                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| Dieldrin                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| Endrin                                                     | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| 4,4'-DDD                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| Endosulfan II                                              | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| 4,4'-DDT                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| Endrin Aldehyde                                            | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| Endosulfan Sulfate                                         | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| Methoxychlor                                               | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| Chlordane                                                  | <0.10  | 0.10          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| Toxaphene                                                  | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| Hexachlorobenzene                                          | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |
| Surrogate: Tetrachloro-m-xylene                            | 78.6   | Limit: 40-116 | % Rec | 1  |      | 03/17/25 1421 | 03/21/25 1424 | EPP     |

| Determination of Polychlorinated Biphenyls (PCB) | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|--------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8082                               |        |               |       |    |      |               |               |         |
| Arochlor 1016                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1424 | EPP     |
| Arochlor 1221                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1424 | EPP     |
| Arochlor 1232                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1424 | EPP     |
| Arochlor 1242                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1424 | EPP     |
| Arochlor 1248                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1424 | EPP     |
| Arochlor 1254                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1424 | EPP     |
| Arochlor 1260                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1424 | EPP     |
| Surrogate: Tetrachloro-m-xylene                  | 78.6   | Limit: 37-120 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1424 | EPP     |
| Surrogate: Decachlorobiphenyl                    | 89.2   | Limit: 22-116 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1424 | EPP     |

| Determination of Conventional Chemistry Parameters | Result | RL    | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------|--------|-------|-------|----|------|---------------|---------------|---------|
| EPA 376.2                                          |        |       |       |    |      |               |               |         |
| Sulfide, total                                     | <0.10  | 0.10  | mg/L  | 1  |      |               | 03/17/25 0928 | AKK     |
| EPA 9014                                           |        |       |       |    |      |               |               |         |
| Cyanide, total                                     | <0.010 | 0.010 | mg/L  | 1  |      | 03/20/25 0716 | 03/21/25 0908 | CES     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| Barium, total                 | 0.0214  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

|                   |            |                  |                  |
|-------------------|------------|------------------|------------------|
| Client Sample ID: | MW-58      | Collected By:    | Whipple, Todd    |
| Sample Matrix:    | Aqueous    | Collection Date: | 03/12/2025 10:00 |
| Lab Sample ID:    | 1IC0851-19 |                  |                  |

| Determination of Total Metals | Result   | RL      | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|----------|---------|-------|----|------|---------------|---------------|---------|
| Beryllium, total              | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| Cadmium, total                | <0.0008  | 0.0008  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| Chromium, total               | <0.0080  | 0.0080  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| Cobalt, total                 | <0.0004  | 0.0004  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| Copper, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| Lead, total                   | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| Nickel, total                 | 0.0142   | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| Selenium, total               | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| Silver, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| Thallium, total               | <0.0020  | 0.0020  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| Tin, total                    | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| Vanadium, total               | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| Zinc, total                   | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0119 | KKJ     |
| <b>EPA 7470A</b>              |          |         |       |    |      |               |               |         |
| Mercury, total                | <0.00050 | 0.00050 | mg/L  | 1  |      | 03/20/25 1536 | 03/21/25 1519 | JAR     |

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CERTIFICATE OF ANALYSIS

1IC0851

Client Sample ID: MW-59  
Sample Matrix: Aqueous  
Lab Sample ID: 1IC0851-20

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 10:29

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Dichlorodifluoromethane                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Acrolein                                    | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2323 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Methyl Iodide                               | <2.0   | 2.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Acetonitrile                                | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2323 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 2,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 2-Butanone (MEK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,1-Dichloropropene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Ethyl Methacrylate                          | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,3-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-59  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-20

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 10:29

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Chlorobenzene                               | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Xylenes, total                              | <2.0   | 2.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Styrene                                     | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Bromoform                                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,3-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| 1,2,4-Trichlorobenzene                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Allyl chloride                              | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2039 | RAF     |
| Chloroprene                                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2039 | RAF     |
| Methacrylonitrile                           | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2039 | RAF     |
| Methyl Methacrylate                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2039 | RAF     |
| Propionitrile                               | <10.0  | 10.0          | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2039 | RAF     |
| Surrogate: Dibromofluoromethane             | 98.6   | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Surrogate: Dibromofluoromethane             | 107    | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2039 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 95.0   | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 105    | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2039 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 63.1   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2323 | CSM     |
| Surrogate: Toluene-d8                       | 97.7   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Surrogate: Toluene-d8                       | 98.6   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2039 | RAF     |
| Surrogate: Toluene-d8                       | 103    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2323 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 90.4   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2034 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 97.4   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2039 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 91.4   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2323 | CSM     |

| Determination of General Solvents | Result | RL  | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-----|-------|----|------|---------------|---------------|---------|
| EPA 8015C                         |        |     |       |    |      |               |               |         |
| Isobutanol                        | <1.0   | 1.0 | mg/L  | 1  |      | 03/21/25 1147 | 03/23/25 0542 | PDS     |

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| EPA 3520C/EPA 8270C                                      |        |    |       |    |      |               |               |         |
| N-Nitrosodimethylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Methyl Methanesulfonate                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| N-Nitrosodiethylamine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| N-Nitrosomethylethylamine                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Ethyl Methanesulfonate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Phenol                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |



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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-59  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-20

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 10:29

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| Bis(2-Chloroethyl) Ether                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2-Chlorophenol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Benzyl Alcohol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2-Methylphenol (o-Cresol)                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Bis[2-Chloroisopropyl]ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| n-Nitroso-di-n-propylamine                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| N-Nitrosopyrrolidine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Acetophenone                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| o-Toluidine                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| (3 & 4)-Methylphenol                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Hexachloroethane                                         | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Nitrobenzene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| N-Nitrosopiperidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Isophorone                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2,4-Dimethylphenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Bis (2-Chloroethoxy) Methane                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2,4-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Naphthalene                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 4-Chloroaniline                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2,6-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Hexachloropropene                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Hexachlorobutadiene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| N-Nitrosodi-n-butylamine                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 1,4-Phenylenediamine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 4-Chloro-3-methylphenol                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2-Methylnaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Isosafrole                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 1,2,4,5-Tetrachlorobenzene                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Hexachlorocyclopentadiene                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2,4,6-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2,4,5-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Safrole                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2-Chloronaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 1,4-Naphthoquinone                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Dimethylphthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 1,3-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 1,2-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2,6-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Acenaphthylene                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 3-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Acenaphthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-59  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-20

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 10:29

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| 2,4-Dinitrophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 4-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Dibenzofuran                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2,4-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2,3,4,6-Tetrachlorophenol                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Pentachlorobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 1-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Diethyl Phthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Fluorene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 4-Chlorophenyl Phenyl Ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 4-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 5-Nitro-o-toluidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 4,6-Dinitro-2-methylphenol                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| N-Nitrosodiphenylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Diphenylamine                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Azobenzene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Diallate                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 1,3,5-Trinitrobenzene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Phenacetin                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 4-Bromophenyl Phenyl Ether                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 4-Aminobiphenyl                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Pentachlorophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Pronamide                                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Pentachloronitrobenzene (PCNB)                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Phenanthrene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Anthracene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Di-n-butyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Methapyrilene                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Fluoranthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Isodrin                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Chlorobenzilate                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Pyrene                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| p-(Dimethylamino)azobenzene                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 3,3-Dimethylbenzidine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Butyl Benzyl Phthalate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Benzo(a)anthracene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Chrysene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Bis(2-Ethylhexyl) Phthalate                              | <6     | 6  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Kepone                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 3,3'-Dichlorobenzidine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| 2-Acetylaminofluorene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |
| Di-n-octyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/24/25 2335 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-59  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-20

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 10:29

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared | Analyzed | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|
|----------------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|

|                                  |      |               |       |   |  |               |               |     |
|----------------------------------|------|---------------|-------|---|--|---------------|---------------|-----|
| Benzo(b)Fluoranthene             | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2335 | EPP |
| 7,12-Dimethylbenz [a] anthracene | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2335 | EPP |
| Benzo(k)Fluoranthene             | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2335 | EPP |
| Benzo(a)Pyrene                   | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2335 | EPP |
| 3-Methylcholanthrene             | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2335 | EPP |
| Dibenzo(a,h)anthracene           | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2335 | EPP |
| Indeno(1,2,3-cd)Pyrene           | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2335 | EPP |
| Benzo(g,h,i)perylene             | <8   | 8             | ug/L  | 1 |  | 03/19/25 1349 | 03/24/25 2335 | EPP |
| Surrogate: 2-Fluorophenol        | 51.3 | Limit: 10-149 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2335 | EPP |
| Surrogate: Phenol-d6             | 54.7 | Limit: 10-143 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2335 | EPP |
| Surrogate: Nitrobenzene-d5       | 73.7 | Limit: 20-149 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2335 | EPP |
| Surrogate: 2-Fluorobiphenyl      | 74.4 | Limit: 11-146 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2335 | EPP |
| Surrogate: 2,4,6-Tribromophenol  | 55.9 | Limit: 10-153 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2335 | EPP |
| Surrogate: Terphenyl-dl4         | 72.7 | Limit: 27-155 | % Rec | 1 |  | 03/19/25 1349 | 03/24/25 2335 | EPP |

| Determination of Organophosphorus Insecticides | Result | RL | Units | DF | Note | Prepared | Analyzed | Analyst |
|------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|
|------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|

EPA 3510C/EPA 8141

|                                 |      |               |       |   |  |               |               |     |
|---------------------------------|------|---------------|-------|---|--|---------------|---------------|-----|
| O,O,O-Triethyl phosphorothioate | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2237 | EPP |
| Thionazin                       | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2237 | EPP |
| Phorate                         | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2237 | EPP |
| Dimethoate                      | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2237 | EPP |
| Disulfoton                      | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2237 | EPP |
| Methyl Parathion                | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2237 | EPP |
| Parathion                       | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2237 | EPP |
| Famphur                         | <0.4 | 0.4           | ug/L  | 1 |  | 03/17/25 1427 | 03/24/25 2237 | EPP |
| Surrogate: 2-Nitro-m-xylene     | 74.8 | Limit: 15-154 | % Rec | 1 |  | 03/17/25 1427 | 03/24/25 2237 | EPP |

| Determination of Chlorinated Phenoxy Herbicides | Result | RL | Units | DF | Note | Prepared | Analyzed | Analyst |
|-------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|
|-------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|

EPA 8151A

|                                     |      |               |       |   |  |               |               |     |
|-------------------------------------|------|---------------|-------|---|--|---------------|---------------|-----|
| 2,4-D                               | <2.0 | 2.0           | ug/L  | 1 |  | 03/14/25 1557 | 03/21/25 2210 | EPP |
| 2,4,5-TP (Silvex)                   | <0.5 | 0.5           | ug/L  | 1 |  | 03/14/25 1557 | 03/21/25 2210 | EPP |
| 2,4,5-T                             | <0.5 | 0.5           | ug/L  | 1 |  | 03/14/25 1557 | 03/21/25 2210 | EPP |
| Dinoseb                             | <0.5 | 0.5           | ug/L  | 1 |  | 03/14/25 1557 | 03/21/25 2210 | EPP |
| Surrogate: 2,5-Dichlorobenzoic Acid | 136  | Limit: 36-159 | % Rec | 1 |  | 03/14/25 1557 | 03/21/25 2210 | EPP |

| Determination of Organochlorine Insecticides & Metabolites | Result | RL | Units | DF | Note | Prepared | Analyzed | Analyst |
|------------------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|
|------------------------------------------------------------|--------|----|-------|----|------|----------|----------|---------|

EPA 3510C/EPA 8081

|                     |       |      |      |   |  |               |               |     |
|---------------------|-------|------|------|---|--|---------------|---------------|-----|
| Alpha-BHC           | <0.05 | 0.05 | ug/L | 1 |  | 03/17/25 1421 | 03/21/25 1438 | EPP |
| Gamma-BHC [Lindane] | <0.05 | 0.05 | ug/L | 1 |  | 03/17/25 1421 | 03/21/25 1438 | EPP |
| Beta-BHC            | <0.05 | 0.05 | ug/L | 1 |  | 03/17/25 1421 | 03/21/25 1438 | EPP |
| Heptachlor          | <0.05 | 0.05 | ug/L | 1 |  | 03/17/25 1421 | 03/21/25 1438 | EPP |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-59  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-20

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 10:29

| Determination of Organochlorine Insecticides & Metabolites | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Delta-BHC                                                  | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| Aldrin                                                     | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| Heptachlor Epoxide                                         | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| Endosulfan I                                               | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| 4,4'-DDE                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| Dieldrin                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| Endrin                                                     | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| 4,4'-DDD                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| Endosulfan II                                              | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| 4,4'-DDT                                                   | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| Endrin Aldehyde                                            | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| Endosulfan Sulfate                                         | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| Methoxychlor                                               | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| Chlordane                                                  | <0.10  | 0.10          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| Toxaphene                                                  | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| Hexachlorobenzene                                          | <0.05  | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |
| Surrogate: Tetrachloro-m-xylene                            | 80.6   | Limit: 40-116 | % Rec | 1  |      | 03/17/25 1421 | 03/21/25 1438 | EPP     |

| Determination of Polychlorinated Biphenyls (PCB) | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|--------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8082                               |        |               |       |    |      |               |               |         |
| Arochlor 1016                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1438 | EPP     |
| Arochlor 1221                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1438 | EPP     |
| Arochlor 1232                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1438 | EPP     |
| Arochlor 1242                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1438 | EPP     |
| Arochlor 1248                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1438 | EPP     |
| Arochlor 1254                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1438 | EPP     |
| Arochlor 1260                                    | <0.20  | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1438 | EPP     |
| Surrogate: Tetrachloro-m-xylene                  | 80.6   | Limit: 37-120 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1438 | EPP     |
| Surrogate: Decachlorobiphenyl                    | 78.4   | Limit: 22-116 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1438 | EPP     |

| Determination of Conventional Chemistry Parameters | Result | RL    | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------|--------|-------|-------|----|------|---------------|---------------|---------|
| EPA 376.2                                          |        |       |       |    |      |               |               |         |
| Sulfide, total                                     | <0.10  | 0.10  | mg/L  | 1  |      |               | 03/17/25 0928 | AKK     |
| EPA 9014                                           |        |       |       |    |      |               |               |         |
| Cyanide, total                                     | <0.010 | 0.010 | mg/L  | 1  |      | 03/20/25 0716 | 03/21/25 0908 | CES     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| Barium, total                 | 0.0248  | 0.0040 | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |



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CERTIFICATE OF ANALYSIS

1IC0851

|                   |            |                  |                  |
|-------------------|------------|------------------|------------------|
| Client Sample ID: | MW-59      | Collected By:    | Whipple, Todd    |
| Sample Matrix:    | Aqueous    | Collection Date: | 03/12/2025 10:29 |
| Lab Sample ID:    | 1IC0851-20 |                  |                  |

| Determination of Total Metals | Result   | RL      | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|----------|---------|-------|----|------|---------------|---------------|---------|
| Beryllium, total              | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| Cadmium, total                | <0.0008  | 0.0008  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| Chromium, total               | <0.0080  | 0.0080  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| Cobalt, total                 | <0.0004  | 0.0004  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| Copper, total                 | 0.0067   | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| Lead, total                   | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| Nickel, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| Selenium, total               | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| Silver, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| Thallium, total               | <0.0020  | 0.0020  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| Tin, total                    | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| Vanadium, total               | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| Zinc, total                   | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0137 | KKJ     |
| <b>EPA 7470A</b>              |          |         |       |    |      |               |               |         |
| Mercury, total                | <0.00050 | 0.00050 | mg/L  | 1  |      | 03/20/25 1536 | 03/21/25 1521 | JAR     |

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CERTIFICATE OF ANALYSIS

1IC0851

Client Sample ID: MW-60  
Sample Matrix: Aqueous  
Lab Sample ID: 1IC0851-21

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 8:38

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |    |      |               |               |         |
| Dichlorodifluoromethane                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Acrolein                                    | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2345 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Methyl Iodide                               | <2.0   | 2.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Acetonitrile                                | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/19/25 2345 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 2,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 2-Butanone (MEK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,1-Dichloropropene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Ethyl Methacrylate                          | <10.0  | 10.0 | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,3-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-60  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-21

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 8:38

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Chlorobenzene                               | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Xylenes, total                              | <2.0   | 2.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Styrene                                     | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Bromoform                                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,3-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| 1,2,4-Trichlorobenzene                      | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Allyl chloride                              | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2102 | RAF     |
| Chloroprene                                 | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2102 | RAF     |
| Methacrylonitrile                           | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2102 | RAF     |
| Methyl Methacrylate                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2102 | RAF     |
| Propionitrile                               | <10.0  | 10.0          | ug/L  | 1  |      | 03/24/25 0000 | 03/24/25 2102 | RAF     |
| Surrogate: Dibromofluoromethane             | 109    | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2102 | RAF     |
| Surrogate: Dibromofluoromethane             | 96.0   | Limit: 57-134 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 101    | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2102 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 90.6   | Limit: 53-140 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 66.2   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2345 | CSM     |
| Surrogate: Toluene-d8                       | 97.1   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2102 | RAF     |
| Surrogate: Toluene-d8                       | 97.3   | Limit: 86-114 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Surrogate: Toluene-d8                       | 103    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2345 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 98.4   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2102 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 90.8   | Limit: 78-121 | % Rec | 1  |      | 03/24/25 0000 | 03/24/25 2056 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 90.9   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/19/25 2345 | CSM     |

| Determination of General Solvents | Result | RL  | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-----|-------|----|------|---------------|---------------|---------|
| EPA 8015C                         |        |     |       |    |      |               |               |         |
| Isobutanol                        | <1.0   | 1.0 | mg/L  | 1  |      | 03/21/25 1147 | 03/23/25 1202 | PDS     |

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| EPA 3520C/EPA 8270C                                      |        |    |       |    |      |               |               |         |
| N-Nitrosodimethylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Methyl Methanesulfonate                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| N-Nitrosodiethylamine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| N-Nitrosomethylethylamine                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Ethyl Methanesulfonate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Phenol                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |



Microbac Laboratories, Inc., Newton

CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-60  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-21

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 8:38

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| Bis(2-Chloroethyl) Ether                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2-Chlorophenol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Benzyl Alcohol                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2-Methylphenol (o-Cresol)                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Bis[2-Chloroisopropyl]ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| n-Nitroso-di-n-propylamine                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| N-Nitrosopyrrolidine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Acetophenone                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| o-Toluidine                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| (3 & 4)-Methylphenol                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Hexachloroethane                                         | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Nitrobenzene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| N-Nitrosopiperidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Isophorone                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2,4-Dimethylphenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Bis (2-Chloroethoxy) Methane                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2,4-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Naphthalene                                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 4-Chloroaniline                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2,6-Dichlorophenol                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Hexachloropropene                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Hexachlorobutadiene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| N-Nitrosodi-n-butylamine                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 1,4-Phenylenediamine                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 4-Chloro-3-methylphenol                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2-Methylnaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Isosafrole                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 1,2,4,5-Tetrachlorobenzene                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Hexachlorocyclopentadiene                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2,4,6-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2,4,5-Trichlorophenol                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Safrole                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2-Chloronaphthalene                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 1,4-Naphthoquinone                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Dimethylphthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 1,3-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 1,2-Dinitrobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2,6-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Acenaphthylene                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 3-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Acenaphthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-60  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-21

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 8:38

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|----|-------|----|------|---------------|---------------|---------|
| 2,4-Dinitrophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 4-Nitrophenol                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Dibenzofuran                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2,4-Dinitrotoluene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2,3,4,6-Tetrachlorophenol                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Pentachlorobenzene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 1-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2-Naphthylamine                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Diethyl Phthalate                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Fluorene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 4-Chlorophenyl Phenyl Ether                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 4-Nitroaniline                                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 5-Nitro-o-toluidine                                      | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 4,6-Dinitro-2-methylphenol                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| N-Nitrosodiphenylamine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Diphenylamine                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Azobenzene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Diallate                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 1,3,5-Trinitrobenzene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Phenacetin                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 4-Bromophenyl Phenyl Ether                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 4-Aminobiphenyl                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Pentachlorophenol                                        | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Pronamide                                                | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Pentachloronitrobenzene (PCNB)                           | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Phenanthrene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Anthracene                                               | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Di-n-butyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Methapyrilene                                            | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Fluoranthene                                             | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Isodrin                                                  | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Chlorobenzilate                                          | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Pyrene                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| p-(Dimethylamino)azobenzene                              | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 3,3-Dimethylbenzidine                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Butyl Benzyl Phthalate                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Benzo(a)anthracene                                       | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Chrysene                                                 | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Bis(2-Ethylhexyl) Phthalate                              | <6     | 6  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Kepone                                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 3,3'-Dichlorobenzidine                                   | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 2-Acetylaminofluorene                                    | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Di-n-octyl Phthalate                                     | <8     | 8  | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-60  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-21

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 8:38

| Determination of Base/Neutral/Acid Extractable Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| Benzo(b)Fluoranthene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 7,12-Dimethylbenz [a] anthracene                         | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Benzo(k)Fluoranthene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Benzo(a)Pyrene                                           | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| 3-Methylcholanthrene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Dibenzo(a,h)anthracene                                   | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Indeno(1,2,3-cd)Pyrene                                   | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Benzo(g,h,i)perylene                                     | <8     | 8             | ug/L  | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Surrogate: 2-Fluorophenol                                | 47.4   | Limit: 10-149 | % Rec | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Surrogate: Phenol-d6                                     | 54.2   | Limit: 10-143 | % Rec | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Surrogate: Nitrobenzene-d5                               | 75.7   | Limit: 20-149 | % Rec | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Surrogate: 2-Fluorobiphenyl                              | 77.0   | Limit: 11-146 | % Rec | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Surrogate: 2,4,6-Tribromophenol                          | 45.8   | Limit: 10-153 | % Rec | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |
| Surrogate: Terphenyl-dl4                                 | 84.3   | Limit: 27-155 | % Rec | 1  |      | 03/19/25 1349 | 03/25/25 0000 | EPP     |

| Determination of Organophosphorus Insecticides | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8141                             |        |               |       |    |      |               |               |         |
| O,O,O-Triethyl phosphorothioate                | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2319 | EPP     |
| Thionazin                                      | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2319 | EPP     |
| Phorate                                        | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2319 | EPP     |
| Dimethoate                                     | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2319 | EPP     |
| Disulfoton                                     | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2319 | EPP     |
| Methyl Parathion                               | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2319 | EPP     |
| Parathion                                      | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2319 | EPP     |
| Famphur                                        | <0.4   | 0.4           | ug/L  | 1  |      | 03/17/25 1427 | 03/24/25 2319 | EPP     |
| Surrogate: 2-Nitro-m-xylene                    | 59.7   | Limit: 15-154 | % Rec | 1  |      | 03/17/25 1427 | 03/24/25 2319 | EPP     |

| Determination of Chlorinated Phenoxy Herbicides | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| EPA 8151A                                       |        |               |       |    |      |               |               |         |
| 2,4-D                                           | <2.0   | 2.0           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 2241 | EPP     |
| 2,4,5-TP (Silvex)                               | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 2241 | EPP     |
| 2,4,5-T                                         | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 2241 | EPP     |
| Dinoseb                                         | <0.5   | 0.5           | ug/L  | 1  |      | 03/14/25 1557 | 03/21/25 2241 | EPP     |
| Surrogate: 2,5-Dichlorobenzoic Acid             | 112    | Limit: 36-159 | % Rec | 1  |      | 03/14/25 1557 | 03/21/25 2241 | EPP     |

| Determination of Organochlorine Insecticides & Metabolites | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 3510C/EPA 8081                                         |        |      |       |    |      |               |               |         |
| Alpha-BHC                                                  | <0.05  | 0.05 | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Gamma-BHC [Lindane]                                        | <0.05  | 0.05 | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Beta-BHC                                                   | <0.05  | 0.05 | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Heptachlor                                                 | <0.05  | 0.05 | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-60  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-21

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 8:38

| Determination of Organochlorine Insecticides & Metabolites | Result  | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|------------------------------------------------------------|---------|---------------|-------|----|------|---------------|---------------|---------|
| Delta-BHC                                                  | <0.05   | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Aldrin                                                     | <0.05   | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Heptachlor Epoxide                                         | <0.05   | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Endosulfan I                                               | <0.05   | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| 4,4'-DDE                                                   | <0.05   | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Dieldrin                                                   | <0.05   | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Endrin                                                     | <0.05   | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| 4,4'-DDD                                                   | <0.05   | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Endosulfan II                                              | <0.05   | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| 4,4'-DDT                                                   | <0.05   | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Endrin Aldehyde                                            | <0.05   | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Endosulfan Sulfate                                         | <0.05   | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Methoxychlor                                               | <0.05   | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Chlordane                                                  | <0.10   | 0.10          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Toxaphene                                                  | <0.20   | 0.20          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Hexachlorobenzene                                          | <0.05   | 0.05          | ug/L  | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Surrogate: Tetrachloro-m-xylene                            | 76.8    | Limit: 40-116 | % Rec | 1  |      | 03/17/25 1421 | 03/21/25 1453 | EPP     |
| Determination of Polychlorinated Biphenyls (PCB)           | Result  | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
| EPA 3510C/EPA 8082                                         |         |               |       |    |      |               |               |         |
| Arochlor 1016                                              | <0.20   | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1453 | EPP     |
| Arochlor 1221                                              | <0.20   | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1453 | EPP     |
| Arochlor 1232                                              | <0.20   | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1453 | EPP     |
| Arochlor 1242                                              | <0.20   | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1453 | EPP     |
| Arochlor 1248                                              | <0.20   | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1453 | EPP     |
| Arochlor 1254                                              | <0.20   | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1453 | EPP     |
| Arochlor 1260                                              | <0.20   | 0.20          | ug/L  | 1  |      | 03/17/25 1424 | 03/21/25 1453 | EPP     |
| Surrogate: Tetrachloro-m-xylene                            | 76.8    | Limit: 37-120 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1453 | EPP     |
| Surrogate: Decachlorobiphenyl                              | 68.6    | Limit: 22-116 | % Rec | 1  |      | 03/17/25 1424 | 03/21/25 1453 | EPP     |
| Determination of Conventional Chemistry Parameters         | Result  | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
| EPA 376.2                                                  |         |               |       |    |      |               |               |         |
| Sulfide, total                                             | <0.10   | 0.10          | mg/L  | 1  |      |               | 03/17/25 0928 | AKK     |
| EPA 9014                                                   |         |               |       |    |      |               |               |         |
| Cyanide, total                                             | <0.010  | 0.010         | mg/L  | 1  |      | 03/20/25 0716 | 03/21/25 0908 | CES     |
| Determination of Total Metals                              | Result  | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
| EPA 3005A/EPA 6020A                                        |         |               |       |    |      |               |               |         |
| Antimony, total                                            | <0.0020 | 0.0020        | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| Arsenic, total                                             | <0.0040 | 0.0040        | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| Barium, total                                              | 0.146   | 0.0040        | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

|                   |            |                  |                 |
|-------------------|------------|------------------|-----------------|
| Client Sample ID: | MW-60      | Collected By:    | Whipple, Todd   |
| Sample Matrix:    | Aqueous    | Collection Date: | 03/12/2025 8:38 |
| Lab Sample ID:    | 1IC0851-21 |                  |                 |

| Determination of Total Metals | Result   | RL      | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|----------|---------|-------|----|------|---------------|---------------|---------|
| Beryllium, total              | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| Cadmium, total                | <0.0008  | 0.0008  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| Chromium, total               | <0.0080  | 0.0080  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| Cobalt, total                 | <0.0004  | 0.0004  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| Copper, total                 | 0.0045   | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| Lead, total                   | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| Nickel, total                 | 0.0053   | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| Selenium, total               | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| Silver, total                 | <0.0040  | 0.0040  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| Thallium, total               | <0.0020  | 0.0020  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| Tin, total                    | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| Vanadium, total               | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| Zinc, total                   | <0.0200  | 0.0200  | mg/L  | 4  |      | 03/14/25 1555 | 03/20/25 0143 | KKJ     |
| <b>EPA 7470A</b>              |          |         |       |    |      |               |               |         |
| Mercury, total                | <0.00050 | 0.00050 | mg/L  | 1  |      | 03/20/25 1536 | 03/21/25 1524 | JAR     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-61  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-22

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 12:59

| Determination of Volatile Organic Compounds | Result | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|----|------|---------------|---------------|---------|
| EPA 5030B/EPA 8260D                         |        |      |       |    |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Acetone                                     | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  | 1  | AC   | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Benzene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Toluene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Styrene                                     | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: MW-61  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-22

Collected By: Whipple, Todd  
Collection Date: 03/12/2025 12:59

| Determination of Volatile Organic Compounds | Result | RL            | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|----|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Surrogate: Dibromofluoromethane             | 66.5   | Limit: 57-134 | % Rec | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Surrogate: Dibromofluoromethane             | 66.5   | Limit: 75-136 | % Rec | 1  | S2   | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 64.0   | Limit: 53-140 | % Rec | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Surrogate: 1,2-Dichloroethane-d4            | 64.0   | Limit: 61-142 | % Rec | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Surrogate: Toluene-d8                       | 103    | Limit: 82-121 | % Rec | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Surrogate: Toluene-d8                       | 103    | Limit: 86-114 | % Rec | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.3   | Limit: 78-121 | % Rec | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |
| Surrogate: 4-Bromofluorobenzene             | 91.3   | Limit: 80-116 | % Rec | 1  |      | 03/19/25 0000 | 03/20/25 0007 | CSM     |

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |
| Barium, total                 | 0.196   | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |
| Beryllium, total              | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |
| Cadmium, total                | <0.0008 | 0.0008 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |
| Chromium, total               | <0.0080 | 0.0080 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |
| Cobalt, total                 | <0.0004 | 0.0004 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |
| Copper, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |
| Lead, total                   | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |
| Nickel, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |
| Selenium, total               | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |
| Silver, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |
| Thallium, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |
| Vanadium, total               | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |
| Zinc, total                   | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0202 | KKJ     |

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CERTIFICATE OF ANALYSIS

11C0851

Client Sample ID: Duplicate  
Sample Matrix: Aqueous  
Lab Sample ID: 11C0851-23

Collected By: Whipple, Todd  
Collection Date: 03/12/2025

| Determination of Total Metals | Result  | RL     | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|----|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |    |      |               |               |         |
| Antimony, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |
| Arsenic, total                | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |
| Barium, total                 | 0.0820  | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |
| Beryllium, total              | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |
| Cadmium, total                | <0.0008 | 0.0008 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |
| Chromium, total               | <0.0080 | 0.0080 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |
| Cobalt, total                 | <0.0004 | 0.0004 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |
| Copper, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |
| Lead, total                   | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |
| Nickel, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |
| Selenium, total               | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |
| Silver, total                 | <0.0040 | 0.0040 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |
| Thallium, total               | <0.0020 | 0.0020 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |
| Vanadium, total               | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |
| Zinc, total                   | <0.0200 | 0.0200 | mg/L  | 4  |      | 03/14/25 1600 | 03/20/25 0232 | KKJ     |

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CERTIFICATE OF ANALYSIS

1IC0851

Batch Log Summary

| Method    | Batch   | Laboratory ID | Client / Source ID |
|-----------|---------|---------------|--------------------|
| EPA 6020A | 1IC0734 | 1IC0734-BLK1  |                    |
|           |         | 1IC0734-BS1   |                    |
|           |         | 1IC0851-01    | MW-44              |
|           |         | 1IC0734-MS1   | 1IC0851-01         |
|           |         | 1IC0734-MSD1  | 1IC0851-01         |
|           |         | 1IC0734-PS1   | 1IC0851-01         |
|           |         | 1IC0851-02    | MW-57              |
|           |         | 1IC0851-03    | MW-56              |
|           |         | 1IC0851-04    | MW-64              |
|           |         | 1IC0851-05    | MW-65              |
|           |         | 1IC0851-06    | SW-101R            |
|           |         | 1IC0851-08    | SW-102             |
|           |         | 1IC0851-09    | SW-103             |
|           |         | 1IC0851-10    | MW-48 (B)          |
|           |         | 1IC0851-11    | MW-39 (B)          |
|           |         | 1IC0851-12    | MW-78 (B)          |
|           |         | 1IC0851-13    | MW-62R             |
|           |         | 1IC0851-14    | MW-79              |
|           |         | 1IC0851-15    | MW-80              |
|           |         | 1IC0851-16    | MW-36              |
|           |         | 1IC0851-17    | MW-41              |
|           |         | 1IC0851-18    | MW-42              |
|           |         | 1IC0851-19    | MW-58              |
| EPA 8151A | 1IC0735 | 1IC0851-20    | MW-59              |
|           |         | 1IC0851-21    | MW-60              |
|           |         | 1IC0851-06RE1 | SW-101R            |
|           |         | 1IC0735-BLK1  |                    |
|           |         | 1IC0851-01    | MW-44              |
|           |         | 1IC0851-02    | MW-57              |
|           |         | 1IC0851-13    | MW-62R             |
|           |         | 1IC0851-15    | MW-80              |
|           |         | 1IC0851-17    | MW-41              |
|           |         | 1IC0851-19    | MW-58              |
|           |         | 1IC0851-20    | MW-59              |
|           |         | 1IC0851-21    | MW-60              |
|           |         | 1IC0735-BS1   |                    |
|           |         | 1IC0735-BSD1  |                    |

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| Method    | Batch   | Laboratory ID | Client / Source ID |
|-----------|---------|---------------|--------------------|
| EPA 6020A | 1IC0736 | 1IC0736-BLK1  |                    |
|           |         | 1IC0736-BS1   |                    |
|           |         | 1IC0851-22    | MW-61              |
|           |         | 1IC0736-MS1   | 1IC0852-01         |
|           |         | 1IC0736-MSD1  | 1IC0852-01         |
|           |         | 1IC0736-PS1   | 1IC0852-01         |
|           |         | 1IC0851-23    | Duplicate          |
| Method    | Batch   | Laboratory ID | Client / Source ID |
| EPA 376.2 | 1IC0760 | 1IC0760-BS1   |                    |
|           |         | 1IC0851-20    | MW-59              |
|           |         | 1IC0851-15    | MW-80              |
|           |         | 1IC0851-21    | MW-60              |
|           |         | 1IC0760-MS1   | 1IC0696-01         |
|           |         | 1IC0851-19    | MW-58              |
|           |         | 1IC0851-02    | MW-57              |
|           |         | 1IC0851-01    | MW-44              |
|           |         | 1IC0851-17    | MW-41              |
|           |         | 1IC0760-MSD1  | 1IC0696-01         |
|           |         | 1IC0760-BLK1  |                    |
|           |         | 1IC0851-13    | MW-62R             |
| Method    | Batch   | Laboratory ID | Client / Source ID |
| EPA 8081  | 1IC0789 | 1IC0789-BLK1  |                    |
|           |         | 1IC0789-BS1   |                    |
|           |         | 1IC0789-BSD1  |                    |
|           |         | 1IC0851-01    | MW-44              |
|           |         | 1IC0851-02    | MW-57              |
|           |         | 1IC0851-13    | MW-62R             |
|           |         | 1IC0851-15    | MW-80              |
|           |         | 1IC0851-17    | MW-41              |
|           |         | 1IC0851-19    | MW-58              |
|           |         | 1IC0851-20    | MW-59              |
|           |         | 1IC0851-21    | MW-60              |
| Method    | Batch   | Laboratory ID | Client / Source ID |
| EPA 8082  | 1IC0790 | 1IC0790-BLK1  |                    |
|           |         | 1IC0790-BS1   |                    |
|           |         | 1IC0790-BSD1  |                    |
|           |         | 1IC0851-01    | MW-44              |
|           |         | 1IC0851-02    | MW-57              |
|           |         | 1IC0851-13    | MW-62R             |

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|          |         |            |       |
|----------|---------|------------|-------|
| EPA 8082 | 1IC0790 | 1IC0851-15 | MW-80 |
|          |         | 1IC0851-17 | MW-41 |
|          |         | 1IC0851-19 | MW-58 |
|          |         | 1IC0851-20 | MW-59 |
|          |         | 1IC0851-21 | MW-60 |
|          |         |            |       |

| Method   | Batch   | Laboratory ID | Client / Source ID |
|----------|---------|---------------|--------------------|
| EPA 8141 | 1IC0795 | 1IC0795-BLK1  |                    |
|          |         | 1IC0851-01    | MW-44              |
|          |         | 1IC0851-02    | MW-57              |
|          |         | 1IC0851-13    | MW-62R             |
|          |         | 1IC0851-15    | MW-80              |
|          |         | 1IC0851-17    | MW-41              |
|          |         | 1IC0851-19    | MW-58              |
|          |         | 1IC0851-20    | MW-59              |
|          |         | 1IC0851-21    | MW-60              |
|          |         | 1IC0795-BS1   |                    |
|          |         | 1IC0795-BSD1  |                    |
|          |         |               |                    |

| Method    | Batch   | Laboratory ID | Client / Source ID |
|-----------|---------|---------------|--------------------|
| EPA 8270C | 1IC0958 | 1IC0958-BLK1  |                    |
|           |         | 1IC0958-BS1   |                    |
|           |         | 1IC0958-BS1   |                    |
|           |         | 1IC0958-BSD1  |                    |
|           |         | 1IC0958-SRM1  |                    |
|           |         | 1IC0851-01    | MW-44              |
|           |         | 1IC0851-02    | MW-57              |
|           |         | 1IC0851-13    | MW-62R             |
|           |         | 1IC0851-15    | MW-80              |
|           |         | 1IC0851-17    | MW-41              |
|           |         | 1IC0851-19    | MW-58              |
|           |         | 1IC0851-20    | MW-59              |
|           |         | 1IC0851-21    | MW-60              |
|           |         |               |                    |
|           |         |               |                    |

| Method   | Batch   | Laboratory ID | Client / Source ID |
|----------|---------|---------------|--------------------|
| EPA 9014 | 1IC0986 | 1IC0986-BS1   |                    |
|          |         | 1IC0851-01    | MW-44              |
|          |         | 1IC0986-MS1   | 1IC0827-03         |
|          |         | 1IC0986-MSD1  | 1IC0827-03         |
|          |         | 1IC0851-17    | MW-41              |
|          |         | 1IC0851-19    | MW-58              |
|          |         | 1IC0851-20    | MW-59              |
|          |         | 1IC0851-21    | MW-60              |
|          |         | 1IC0851-13    | MW-62R             |

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1IC0851

|          |         |              |       |
|----------|---------|--------------|-------|
| EPA 9014 | 1IC0986 | 1IC0851-15   | MW-80 |
|          |         | 1IC0986-BLK1 |       |
|          |         | 1IC0851-02   | MW-57 |

| Method    | Batch   | Laboratory ID | Client / Source ID |
|-----------|---------|---------------|--------------------|
| EPA 8260D | 1IC1002 | 1IC1002-BS1   |                    |
|           |         | 1IC1002-BLK1  |                    |
|           |         | 1IC0851-01    | MW-44              |
|           |         | 1IC0851-02    | MW-57              |
|           |         | 1IC0851-03    | MW-56              |
|           |         | 1IC0851-04    | MW-64              |
|           |         | 1IC0851-05    | MW-65              |
|           |         | 1IC0851-06    | SW-101R            |
|           |         | 1IC0851-07    | PECS-1             |
|           |         | 1IC0851-08    | SW-102             |
|           |         | 1IC0851-09    | SW-103             |
|           |         | 1IC0851-10    | MW-48 (B)          |
|           |         | 1IC0851-11    | MW-39 (B)          |
|           |         | 1IC0851-12    | MW-78 (B)          |
|           |         | 1IC0851-13    | MW-62R             |
|           |         | 1IC0851-14    | MW-79              |
|           |         | 1IC0851-15    | MW-80              |
|           |         | 1IC0851-16    | MW-36              |
|           |         | 1IC0851-17    | MW-41              |
|           |         | 1IC0851-18    | MW-42              |
|           |         | 1IC0851-19    | MW-58              |
|           |         | 1IC0851-20    | MW-59              |
|           |         | 1IC0851-21    | MW-60              |
|           |         | 1IC0851-22    | MW-61              |
|           |         | 1IC1002-MS1   | 1IC0851-01         |
|           |         | 1IC1002-MSD1  | 1IC0851-01         |
|           |         | 1IC1002-BS2   |                    |
|           |         | 1IC1002-BSD2  |                    |
|           |         | 1IC1002-BLK2  |                    |
|           |         | 1IC1002-MS2   | 1IC0851-21         |
|           |         | 1IC1002-MSD2  | 1IC0851-21         |
| Method    | Batch   | Laboratory ID | Client / Source ID |
| EPA 7470A | 1IC1060 | 1IC1060-BLK1  |                    |
|           |         | 1IC1060-BS1   |                    |
|           |         | 1IC0851-01    | MW-44              |
|           |         | 1IC0851-02    | MW-57              |
|           |         | 1IC0851-13    | MW-62R             |

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|           |         |              |            |
|-----------|---------|--------------|------------|
| EPA 7470A | 1IC1060 | 1IC0851-15   | MW-80      |
|           |         | 1IC0851-17   | MW-41      |
|           |         | 1IC0851-19   | MW-58      |
|           |         | 1IC0851-20   | MW-59      |
|           |         | 1IC0851-21   | MW-60      |
|           |         | 1IC1060-MS1  | 1IC1029-01 |
|           |         | 1IC1060-MSD1 | 1IC1029-01 |

| Method    | Batch   | Laboratory ID | Client / Source ID |
|-----------|---------|---------------|--------------------|
| EPA 8015C | 1IC1088 | 1IC1088-BS1   |                    |
|           |         | 1IC1088-BLK1  |                    |
|           |         | 1IC0851-01    | MW-44              |
|           |         | 1IC0851-02    | MW-57              |
|           |         | 1IC0851-13    | MW-62R             |
|           |         | 1IC0851-15    | MW-80              |
|           |         | 1IC0851-17    | MW-41              |
|           |         | 1IC0851-19    | MW-58              |
|           |         | 1IC0851-20    | MW-59              |
|           |         | 1IC1088-MS1   | 1IC0851-01         |
|           |         | 1IC1088-MSD1  | 1IC0851-01         |
|           |         | 1IC1088-BLK2  |                    |
|           |         | 1IC0851-21    | MW-60              |

| Method    | Batch   | Laboratory ID | Client / Source ID |
|-----------|---------|---------------|--------------------|
| EPA 8260D | 1IC1200 | 1IC1200-BS1   |                    |
|           |         | 1IC1200-BSD1  |                    |
|           |         | 1IC1200-BLK1  |                    |
|           |         | 1IC0851-01    | MW-44              |
|           |         | 1IC0851-02    | MW-57              |
|           |         | 1IC0851-13    | MW-62R             |
|           |         | 1IC0851-15    | MW-80              |
|           |         | 1IC0851-17    | MW-41              |
|           |         | 1IC0851-19    | MW-58              |
|           |         | 1IC0851-20    | MW-59              |
|           |         | 1IC0851-21    | MW-60              |
|           |         | 1IC1200-MS1   | 1IC0851-21         |
|           |         | 1IC1200-MSD1  | 1IC0851-21         |

| Method    | Batch   | Laboratory ID | Client / Source ID |
|-----------|---------|---------------|--------------------|
| EPA 8260D | 1IC1203 | 1IC1203-BS1   |                    |
|           |         | 1IC1203-BSD1  |                    |
|           |         | 1IC1203-BLK1  |                    |
|           |         | 1IC0851-01    | MW-44              |
|           |         | 1IC0851-02    | MW-57              |

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1IC0851

|           |         |             |            |
|-----------|---------|-------------|------------|
| EPA 8260D | 1IC1203 | 1IC0851-13  | MW-62R     |
|           |         | 1IC0851-15  | MW-80      |
|           |         | 1IC0851-17  | MW-41      |
|           |         | 1IC0851-19  | MW-58      |
|           |         | 1IC0851-20  | MW-59      |
|           |         | 1IC0851-21  | MW-60      |
|           |         | 1IC1203-MS1 | 1IC0851-01 |
|           |         |             |            |

Batch Quality Control Summary: Microbac Laboratories, Inc., Newton

| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1IC1002 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |               |      |             |     |           |       |
| Blank (1IC1002-BLK1)                        |        |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/19/25 15:56 |               |      |             |     |           |       |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Acrolein                                    | <10.0  | 10.0 | ug/L  |                                                   |               |      |             |     |           |       |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Acetone                                     | <10.0  | 10.0 | ug/L  |                                                   |               |      |             |     |           |       |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |                                                   |               |      |             |     |           |       |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |                                                   |               |      |             |     |           |       |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |                                                   |               |      |             |     |           |       |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Benzene                                     | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Toluene                                     | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |

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| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result | %REC | Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------|------|--------|-----|-----------|-------|
| Batch 1IC1002 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |               |      |        |     |           |       |
| Blank (1IC1002-BLK1)                        |        |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/19/25 15:56 |               |      |        |     |           |       |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Styrene                                     | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0  | ug/L  |                                                   |               |      |        |     |           |       |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0  | ug/L  |                                                   |               |      |        |     |           |       |
|                                             |        |      |       |                                                   |               |      |        |     |           |       |
| Surrogate: Dibromofluoromethane             | 34.7   |      | ug/L  | 50.2                                              |               | 69.1 | 57-134 |     |           | S2    |
| Surrogate: Dibromofluoromethane             | 34.7   |      | ug/L  | 50.2                                              |               | 69.1 | 75-136 |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 33.2   |      | ug/L  | 50.1                                              |               | 66.4 | 53-140 |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 33.2   |      | ug/L  | 50.1                                              |               | 66.4 | 53-140 |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 33.2   |      | ug/L  | 50.1                                              |               | 66.4 | 61-142 |     |           |       |
| Surrogate: Toluene-d8                       | 51.4   |      | ug/L  | 50.4                                              |               | 102  | 86-114 |     |           |       |
| Surrogate: Toluene-d8                       | 51.4   |      | ug/L  | 50.4                                              |               | 102  | 86-114 |     |           |       |
| Surrogate: Toluene-d8                       | 51.4   |      | ug/L  | 50.4                                              |               | 102  | 82-121 |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 46.6   |      | ug/L  | 50.1                                              |               | 92.9 | 78-121 |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 46.6   |      | ug/L  | 50.1                                              |               | 92.9 | 78-121 |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 46.6   |      | ug/L  | 50.1                                              |               | 92.9 | 80-116 |     |           |       |
|                                             |        |      |       |                                                   |               |      |        |     |           |       |
| Blank (1IC1002-BLK2)                        |        |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 03:06 |               |      |        |     |           |       |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Acrolein                                    | <10.0  | 10.0 | ug/L  |                                                   |               |      |        |     |           |       |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Acetone                                     | <10.0  | 10.0 | ug/L  |                                                   |               |      |        |     |           |       |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |                                                   |               |      |        |     |           |       |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |                                                   |               |      |        |     |           |       |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |                                                   |               |      |        |     |           |       |

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| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1IC1002 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |               |      |             |     |           |       |
| Blank (1IC1002-BLK2)                        |        |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 03:06 |               |      |             |     |           |       |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |                                                   |               |      |             |     |           |       |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |                                                   |               |      |             |     |           |       |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Benzene                                     | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Toluene                                     | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Styrene                                     | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Surrogate: Dibromofluoromethane             | 37.6   |      | ug/L  | 50.2                                              |               | 74.9 | 57-134      |     |           |       |
| Surrogate: Dibromofluoromethane             | 37.6   |      | ug/L  | 50.2                                              |               | 74.9 | 75-136      |     |           | S2    |
| Surrogate: 1,2-Dichloroethane-d4            | 36.0   |      | ug/L  | 50.1                                              |               | 71.9 | 53-140      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 36.0   |      | ug/L  | 50.1                                              |               | 71.9 | 53-140      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 36.0   |      | ug/L  | 50.1                                              |               | 71.9 | 61-142      |     |           |       |
| Surrogate: Toluene-d8                       | 49.9   |      | ug/L  | 50.4                                              |               | 99.0 | 86-114      |     |           |       |
| Surrogate: Toluene-d8                       | 49.9   |      | ug/L  | 50.4                                              |               | 99.0 | 86-114      |     |           |       |
| Surrogate: Toluene-d8                       | 49.9   |      | ug/L  | 50.4                                              |               | 99.0 | 82-121      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 46.3   |      | ug/L  | 50.1                                              |               | 92.3 | 78-121      |     |           |       |

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| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1IC1002 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |               |      |             |     |           |       |
| Blank (1IC1002-BLK2)                        |        |      |       |                                                   |               |      |             |     |           |       |
|                                             |        |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 03:06 |               |      |             |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 46.3   |      | ug/L  | 50.1                                              |               | 92.3 | 78-121      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 46.3   |      | ug/L  | 50.1                                              |               | 92.3 | 80-116      |     |           |       |
| LCS (1IC1002-BS1)                           |        |      |       |                                                   |               |      |             |     |           |       |
|                                             |        |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/19/25 14:49 |               |      |             |     |           |       |
| Chloromethane                               | 29.32  | 1.0  | ug/L  | 30.3                                              |               | 96.7 | 63-155      |     |           |       |
| Vinyl Chloride                              | 30.18  | 1.0  | ug/L  | 30.2                                              |               | 99.8 | 70-154      |     |           |       |
| Bromomethane                                | 28.27  | 1.0  | ug/L  | 30.1                                              |               | 93.9 | 52-176      |     |           |       |
| Chloroethane                                | 29.18  | 1.0  | ug/L  | 30.3                                              |               | 96.2 | 72-148      |     |           |       |
| Trichlorofluoromethane                      | 30.09  | 1.0  | ug/L  | 30.3                                              |               | 99.3 | 70-152      |     |           |       |
| Acrolein                                    | 42.49  | 10.0 | ug/L  | 50.4                                              |               | 84.4 | 21-142      |     |           |       |
| 1,1-Dichloroethylene                        | 50.76  | 1.0  | ug/L  | 50.1                                              |               | 101  | 70-148      |     |           |       |
| Acetone                                     | 95.57  | 10.0 | ug/L  | 100                                               |               | 95.6 | 43-172      |     |           |       |
| Methyl Iodide                               | 90.68  | 1.0  | ug/L  | 100                                               |               | 90.7 | 69-170      |     |           |       |
| Carbon Disulfide                            | 97.18  | 1.0  | ug/L  | 100                                               |               | 97.2 | 72-162      |     |           |       |
| Methylene Chloride                          | 41.47  | 5.0  | ug/L  | 50.1                                              |               | 82.8 | 68-142      |     |           |       |
| Acrylonitrile                               | 45.11  | 5.0  | ug/L  | 50.2                                              |               | 89.9 | 56-135      |     |           |       |
| Acrylonitrile                               | 45.11  | 5.0  | ug/L  | 50.2                                              |               | 89.9 | 56-135      |     |           |       |
| trans-1,2-Dichloroethylene                  | 50.11  | 1.0  | ug/L  | 50.1                                              |               | 100  | 66-148      |     |           |       |
| 1,1-Dichloroethane                          | 48.24  | 1.0  | ug/L  | 50.1                                              |               | 96.3 | 66-143      |     |           |       |
| Vinyl Acetate                               | 130.9  | 5.0  | ug/L  | 140                                               |               | 93.5 | 43-153      |     |           |       |
| cis-1,2-Dichloroethylene                    | 48.22  | 1.0  | ug/L  | 50.4                                              |               | 95.8 | 71-149      |     |           |       |
| 2-Butanone (MEK)                            | 84.72  | 10.0 | ug/L  | 100                                               |               | 84.7 | 52-159      |     |           |       |
| Bromochloromethane                          | 46.79  | 1.0  | ug/L  | 50.4                                              |               | 92.8 | 69-143      |     |           |       |
| Chloroform                                  | 47.58  | 1.0  | ug/L  | 50.1                                              |               | 95.0 | 69-144      |     |           |       |
| 1,1,1-Trichloroethane                       | 50.50  | 1.0  | ug/L  | 50.1                                              |               | 101  | 62-129      |     |           |       |
| Carbon Tetrachloride                        | 50.36  | 1.0  | ug/L  | 50.1                                              |               | 101  | 63-141      |     |           |       |
| Benzene                                     | 48.59  | 1.0  | ug/L  | 50.4                                              |               | 96.3 | 71-134      |     |           |       |
| 1,2-Dichloroethane                          | 47.03  | 1.0  | ug/L  | 50.1                                              |               | 93.9 | 72-132      |     |           |       |
| Trichloroethylene                           | 49.66  | 1.0  | ug/L  | 50.1                                              |               | 99.1 | 71-135      |     |           |       |
| 1,2-Dichloropropane                         | 46.84  | 1.0  | ug/L  | 50.1                                              |               | 93.5 | 69-136      |     |           |       |
| Dibromomethane                              | 46.94  | 1.0  | ug/L  | 50.4                                              |               | 93.2 | 73-147      |     |           |       |
| Bromodichloromethane                        | 49.16  | 1.0  | ug/L  | 50.1                                              |               | 98.1 | 68-129      |     |           |       |
| cis-1,3-Dichloropropene                     | 46.79  | 1.0  | ug/L  | 50.1                                              |               | 93.4 | 65-134      |     |           |       |
| 4-Methyl-2-pentanone (MIBK)                 | 88.76  | 5.0  | ug/L  | 100                                               |               | 88.8 | 58-147      |     |           |       |
| Toluene                                     | 52.59  | 1.0  | ug/L  | 50.5                                              |               | 104  | 72-133      |     |           |       |
| trans-1,3-Dichloropropene                   | 44.24  | 1.0  | ug/L  | 50.1                                              |               | 88.3 | 67-130      |     |           |       |
| 1,1,2-Trichloroethane                       | 44.40  | 1.0  | ug/L  | 50.1                                              |               | 88.6 | 69-135      |     |           |       |
| Tetrachloroethylene                         | 51.82  | 1.0  | ug/L  | 50.1                                              |               | 103  | 69-130      |     |           |       |
| 2-Hexanone (MBK)                            | 94.45  | 5.0  | ug/L  | 100                                               |               | 94.4 | 55-144      |     |           |       |
| Dibromochloromethane                        | 48.23  | 1.0  | ug/L  | 50.1                                              |               | 96.3 | 73-127      |     |           |       |
| 1,2-Dibromoethane                           | 48.43  | 1.0  | ug/L  | 50.2                                              |               | 96.4 | 67-132      |     |           |       |
| Chlorobenzene                               | 47.63  | 1.0  | ug/L  | 50.1                                              |               | 95.1 | 72-123      |     |           |       |
| 1,1,1,2-Tetrachloroethane                   | 46.05  | 1.0  | ug/L  | 50.3                                              |               | 91.5 | 73-127      |     |           |       |

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| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1IC1002 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |               |      |             |     |           |       |
| LCS (1IC1002-BS1)                           |        |      |       |                                                   |               |      |             |     |           |       |
|                                             |        |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/19/25 14:49 |               |      |             |     |           |       |
| Ethylbenzene                                | 53.64  | 1.0  | ug/L  | 50.2                                              |               | 107  | 71-127      |     |           |       |
| Xylenes, total                              | 160.1  | 2.0  | ug/L  | 151                                               |               | 106  | 74-127      |     |           |       |
| Styrene                                     | 51.54  | 1.0  | ug/L  | 50.4                                              |               | 102  | 66-126      |     |           |       |
| Bromoform                                   | 46.55  | 1.0  | ug/L  | 50.1                                              |               | 92.9 | 68-130      |     |           |       |
| 1,2,3-Trichloropropane                      | 44.35  | 1.0  | ug/L  | 50.3                                              |               | 88.1 | 63-136      |     |           |       |
| trans-1,4-Dichloro-2-butene                 | 91.81  | 5.0  | ug/L  | 100                                               |               | 91.8 | 54-134      |     |           |       |
| 1,1,2,2-Tetrachloroethane                   | 46.23  | 1.0  | ug/L  | 50.1                                              |               | 92.3 | 61-131      |     |           |       |
| 1,4-Dichlorobenzene                         | 47.87  | 1.0  | ug/L  | 50.1                                              |               | 95.5 | 70-129      |     |           |       |
| 1,2-Dichlorobenzene                         | 48.28  | 1.0  | ug/L  | 50.1                                              |               | 96.4 | 69-126      |     |           |       |
| 1,2-Dibromo-3-chloropropane                 | 42.58  | 5.0  | ug/L  | 50.1                                              |               | 84.9 | 50-143      |     |           |       |
| Surrogate: Dibromofluoromethane             | 45.1   |      | ug/L  | 50.2                                              |               | 89.9 | 57-134      |     |           |       |
| Surrogate: Dibromofluoromethane             | 45.1   |      | ug/L  | 50.2                                              |               | 89.9 | 75-136      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 44.7   |      | ug/L  | 50.1                                              |               | 89.2 | 53-140      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 44.7   |      | ug/L  | 50.1                                              |               | 89.2 | 53-140      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 44.7   |      | ug/L  | 50.1                                              |               | 89.2 | 61-142      |     |           |       |
| Surrogate: Toluene-d8                       | 49.7   |      | ug/L  | 50.4                                              |               | 98.6 | 86-114      |     |           |       |
| Surrogate: Toluene-d8                       | 49.7   |      | ug/L  | 50.4                                              |               | 98.6 | 86-114      |     |           |       |
| Surrogate: Toluene-d8                       | 49.7   |      | ug/L  | 50.4                                              |               | 98.6 | 82-121      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 48.5   |      | ug/L  | 50.1                                              |               | 96.7 | 78-121      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 48.5   |      | ug/L  | 50.1                                              |               | 96.7 | 78-121      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 48.5   |      | ug/L  | 50.1                                              |               | 96.7 | 80-116      |     |           |       |
| LCS (1IC1002-BS2)                           |        |      |       |                                                   |               |      |             |     |           |       |
|                                             |        |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 01:59 |               |      |             |     |           |       |
| Chloromethane                               | 28.24  | 1.0  | ug/L  | 30.3                                              |               | 93.1 | 63-155      |     |           |       |
| Vinyl Chloride                              | 28.58  | 1.0  | ug/L  | 30.2                                              |               | 94.5 | 70-154      |     |           |       |
| Bromomethane                                | 27.14  | 1.0  | ug/L  | 30.1                                              |               | 90.1 | 52-176      |     |           |       |
| Chloroethane                                | 28.14  | 1.0  | ug/L  | 30.3                                              |               | 92.8 | 72-148      |     |           |       |
| Trichlorofluoromethane                      | 28.62  | 1.0  | ug/L  | 30.3                                              |               | 94.4 | 70-152      |     |           |       |
| Acrolein                                    | 45.78  | 10.0 | ug/L  | 50.4                                              |               | 90.9 | 21-142      |     |           |       |
| 1,1-Dichloroethylene                        | 48.78  | 1.0  | ug/L  | 50.1                                              |               | 97.3 | 70-148      |     |           |       |
| Acetone                                     | 104.2  | 10.0 | ug/L  | 100                                               |               | 104  | 43-172      |     |           |       |
| Methyl Iodide                               | 86.84  | 1.0  | ug/L  | 100                                               |               | 86.8 | 69-170      |     |           |       |
| Carbon Disulfide                            | 91.23  | 1.0  | ug/L  | 100                                               |               | 91.2 | 72-162      |     |           |       |
| Methylene Chloride                          | 40.60  | 5.0  | ug/L  | 50.1                                              |               | 81.0 | 68-142      |     |           |       |
| Acrylonitrile                               | 46.33  | 5.0  | ug/L  | 50.2                                              |               | 92.3 | 56-135      |     |           |       |
| Acrylonitrile                               | 46.33  | 5.0  | ug/L  | 50.2                                              |               | 92.3 | 56-135      |     |           |       |
| trans-1,2-Dichloroethylene                  | 48.28  | 1.0  | ug/L  | 50.1                                              |               | 96.4 | 66-148      |     |           |       |
| 1,1-Dichloroethane                          | 48.03  | 1.0  | ug/L  | 50.1                                              |               | 95.9 | 66-143      |     |           |       |
| Vinyl Acetate                               | 133.3  | 5.0  | ug/L  | 140                                               |               | 95.2 | 43-153      |     |           |       |
| cis-1,2-Dichloroethylene                    | 47.05  | 1.0  | ug/L  | 50.4                                              |               | 93.4 | 71-149      |     |           |       |
| 2-Butanone (MEK)                            | 87.95  | 10.0 | ug/L  | 100                                               |               | 88.0 | 52-159      |     |           |       |
| Bromochloromethane                          | 46.80  | 1.0  | ug/L  | 50.4                                              |               | 92.9 | 69-143      |     |           |       |
| Chloroform                                  | 46.84  | 1.0  | ug/L  | 50.1                                              |               | 93.5 | 69-144      |     |           |       |
| 1,1,1-Trichloroethane                       | 50.20  | 1.0  | ug/L  | 50.1                                              |               | 100  | 62-129      |     |           |       |

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| Determination of Volatile Organic Compounds | Result | RL  | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|---------------------------------------------|--------|-----|-------|---------------------------------------------------|---------------|------|-------------|------|-----------|-------|
| Batch 1IC1002 - EPA 5030B - EPA 8260D       |        |     |       |                                                   |               |      |             |      |           |       |
| LCS (1IC1002-BS2)                           |        |     |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 01:59 |               |      |             |      |           |       |
| Carbon Tetrachloride                        | 49.66  | 1.0 | ug/L  | 50.1                                              |               | 99.1 | 63-141      |      |           |       |
| Benzene                                     | 48.23  | 1.0 | ug/L  | 50.4                                              |               | 95.6 | 71-134      |      |           |       |
| 1,2-Dichloroethane                          | 47.77  | 1.0 | ug/L  | 50.1                                              |               | 95.4 | 72-132      |      |           |       |
| Trichloroethylene                           | 49.90  | 1.0 | ug/L  | 50.1                                              |               | 99.6 | 71-135      |      |           |       |
| 1,2-Dichloropropane                         | 48.26  | 1.0 | ug/L  | 50.1                                              |               | 96.3 | 69-136      |      |           |       |
| Dibromomethane                              | 47.38  | 1.0 | ug/L  | 50.4                                              |               | 94.1 | 73-147      |      |           |       |
| Bromodichloromethane                        | 49.44  | 1.0 | ug/L  | 50.1                                              |               | 98.7 | 68-129      |      |           |       |
| cis-1,3-Dichloropropene                     | 46.74  | 1.0 | ug/L  | 50.1                                              |               | 93.3 | 65-134      |      |           |       |
| 4-Methyl-2-pentanone (MIBK)                 | 101.3  | 5.0 | ug/L  | 100                                               |               | 101  | 58-147      |      |           |       |
| Toluene                                     | 52.14  | 1.0 | ug/L  | 50.5                                              |               | 103  | 72-133      |      |           |       |
| trans-1,3-Dichloropropene                   | 44.32  | 1.0 | ug/L  | 50.1                                              |               | 88.5 | 67-130      |      |           |       |
| 1,1,2-Trichloroethane                       | 45.95  | 1.0 | ug/L  | 50.1                                              |               | 91.7 | 69-135      |      |           |       |
| Tetrachloroethylene                         | 50.82  | 1.0 | ug/L  | 50.1                                              |               | 101  | 69-130      |      |           |       |
| 2-Hexanone (MBK)                            | 108.6  | 5.0 | ug/L  | 100                                               |               | 109  | 55-144      |      |           |       |
| Dibromochloromethane                        | 49.68  | 1.0 | ug/L  | 50.1                                              |               | 99.2 | 73-127      |      |           |       |
| 1,2-Dibromoethane                           | 51.09  | 1.0 | ug/L  | 50.2                                              |               | 102  | 67-132      |      |           |       |
| Chlorobenzene                               | 48.27  | 1.0 | ug/L  | 50.1                                              |               | 96.4 | 72-123      |      |           |       |
| 1,1,1,2-Tetrachloroethane                   | 46.96  | 1.0 | ug/L  | 50.3                                              |               | 93.3 | 73-127      |      |           |       |
| Ethylbenzene                                | 53.27  | 1.0 | ug/L  | 50.2                                              |               | 106  | 71-127      |      |           |       |
| Xylenes, total                              | 159.0  | 2.0 | ug/L  | 151                                               |               | 105  | 74-127      |      |           |       |
| Styrene                                     | 53.05  | 1.0 | ug/L  | 50.4                                              |               | 105  | 66-126      |      |           |       |
| Bromoform                                   | 50.34  | 1.0 | ug/L  | 50.1                                              |               | 100  | 68-130      |      |           |       |
| 1,2,3-Trichloropropane                      | 46.56  | 1.0 | ug/L  | 50.3                                              |               | 92.5 | 63-136      |      |           |       |
| trans-1,4-Dichloro-2-butene                 | 92.50  | 5.0 | ug/L  | 100                                               |               | 92.5 | 54-134      |      |           |       |
| 1,1,2,2-Tetrachloroethane                   | 47.65  | 1.0 | ug/L  | 50.1                                              |               | 95.1 | 61-131      |      |           |       |
| 1,4-Dichlorobenzene                         | 48.57  | 1.0 | ug/L  | 50.1                                              |               | 96.9 | 70-129      |      |           |       |
| 1,2-Dichlorobenzene                         | 51.09  | 1.0 | ug/L  | 50.1                                              |               | 102  | 69-126      |      |           |       |
| 1,2-Dibromo-3-chloropropane                 | 50.11  | 5.0 | ug/L  | 50.1                                              |               | 100  | 50-143      |      |           |       |
| Surrogate: Dibromofluoromethane             | 46.0   |     | ug/L  | 50.2                                              |               | 91.7 | 57-134      |      |           |       |
| Surrogate: Dibromofluoromethane             | 46.0   |     | ug/L  | 50.2                                              |               | 91.7 | 75-136      |      |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 45.5   |     | ug/L  | 50.1                                              |               | 90.9 | 53-140      |      |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 45.5   |     | ug/L  | 50.1                                              |               | 90.9 | 53-140      |      |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 45.5   |     | ug/L  | 50.1                                              |               | 90.9 | 61-142      |      |           |       |
| Surrogate: Toluene-d8                       | 49.6   |     | ug/L  | 50.4                                              |               | 98.5 | 86-114      |      |           |       |
| Surrogate: Toluene-d8                       | 49.6   |     | ug/L  | 50.4                                              |               | 98.5 | 86-114      |      |           |       |
| Surrogate: Toluene-d8                       | 49.6   |     | ug/L  | 50.4                                              |               | 98.5 | 82-121      |      |           |       |
| Surrogate: 4-Bromofluorobenzene             | 49.3   |     | ug/L  | 50.1                                              |               | 98.4 | 78-121      |      |           |       |
| Surrogate: 4-Bromofluorobenzene             | 49.3   |     | ug/L  | 50.1                                              |               | 98.4 | 78-121      |      |           |       |
| Surrogate: 4-Bromofluorobenzene             | 49.3   |     | ug/L  | 50.1                                              |               | 98.4 | 80-116      |      |           |       |
| LCS Dup (1IC1002-BS2)                       |        |     |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 02:21 |               |      |             |      |           |       |
| Chloromethane                               | 25.03  | 1.0 | ug/L  | 30.3                                              |               | 82.6 | 63-155      | 12.1 | 24        |       |
| Vinyl Chloride                              | 25.13  | 1.0 | ug/L  | 30.2                                              |               | 83.1 | 70-154      | 12.8 | 25        |       |
| Bromomethane                                | 23.79  | 1.0 | ug/L  | 30.1                                              |               | 79.0 | 52-176      | 13.2 | 27        |       |

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CERTIFICATE OF ANALYSIS

1IC0851

| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD   | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------|------|-------------|-------|-----------|-------|
| Batch 1IC1002 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |               |      |             |       |           |       |
| LCS Dup (1IC1002-BSD2)                      |        |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 02:21 |               |      |             |       |           |       |
| Chloroethane                                | 25.02  | 1.0  | ug/L  | 30.3                                              |               | 82.5 | 72-148      | 11.7  | 25        |       |
| Trichlorofluoromethane                      | 26.28  | 1.0  | ug/L  | 30.3                                              |               | 86.7 | 70-152      | 8.52  | 26        |       |
| Acrolein                                    | 42.00  | 10.0 | ug/L  | 50.4                                              |               | 83.4 | 21-142      | 8.61  | 18        |       |
| 1,1-Dichloroethylene                        | 45.37  | 1.0  | ug/L  | 50.1                                              |               | 90.5 | 70-148      | 7.24  | 24        |       |
| Acetone                                     | 100.7  | 10.0 | ug/L  | 100                                               |               | 101  | 43-172      | 3.47  | 30        |       |
| Methyl Iodide                               | 79.76  | 1.0  | ug/L  | 100                                               |               | 79.8 | 69-170      | 8.50  | 30        |       |
| Carbon Disulfide                            | 82.86  | 1.0  | ug/L  | 100                                               |               | 82.9 | 72-162      | 9.62  | 24        |       |
| Methylene Chloride                          | 37.41  | 5.0  | ug/L  | 50.1                                              |               | 74.7 | 68-142      | 8.18  | 21        |       |
| Acrylonitrile                               | 46.61  | 5.0  | ug/L  | 50.2                                              |               | 92.8 | 56-135      | 0.603 | 16        |       |
| Acrylonitrile                               | 46.61  | 5.0  | ug/L  | 50.2                                              |               | 92.8 | 56-135      | 0.603 | 16        |       |
| trans-1,2-Dichloroethylene                  | 46.21  | 1.0  | ug/L  | 50.1                                              |               | 92.3 | 66-148      | 4.38  | 27        |       |
| 1,1-Dichloroethane                          | 45.27  | 1.0  | ug/L  | 50.1                                              |               | 90.4 | 66-143      | 5.92  | 24        |       |
| Vinyl Acetate                               | 133.7  | 5.0  | ug/L  | 140                                               |               | 95.5 | 43-153      | 0.330 | 30        |       |
| cis-1,2-Dichloroethylene                    | 45.39  | 1.0  | ug/L  | 50.4                                              |               | 90.1 | 71-149      | 3.59  | 26        |       |
| 2-Butanone (MEK)                            | 98.30  | 10.0 | ug/L  | 100                                               |               | 98.3 | 52-159      | 11.1  | 27        |       |
| Bromochloromethane                          | 44.88  | 1.0  | ug/L  | 50.4                                              |               | 89.0 | 69-143      | 4.19  | 23        |       |
| Chloroform                                  | 44.97  | 1.0  | ug/L  | 50.1                                              |               | 89.8 | 69-144      | 4.07  | 23        |       |
| 1,1,1-Trichloroethane                       | 46.93  | 1.0  | ug/L  | 50.1                                              |               | 93.6 | 62-129      | 6.73  | 24        |       |
| Carbon Tetrachloride                        | 46.61  | 1.0  | ug/L  | 50.1                                              |               | 93.1 | 63-141      | 6.34  | 25        |       |
| Benzene                                     | 44.27  | 1.0  | ug/L  | 50.4                                              |               | 87.8 | 71-134      | 8.56  | 24        |       |
| 1,2-Dichloroethane                          | 46.46  | 1.0  | ug/L  | 50.1                                              |               | 92.8 | 72-132      | 2.78  | 24        |       |
| Trichloroethylene                           | 46.81  | 1.0  | ug/L  | 50.1                                              |               | 93.4 | 71-135      | 6.39  | 24        |       |
| 1,2-Dichloropropane                         | 45.98  | 1.0  | ug/L  | 50.1                                              |               | 91.8 | 69-136      | 4.84  | 24        |       |
| Dibromomethane                              | 47.67  | 1.0  | ug/L  | 50.4                                              |               | 94.6 | 73-147      | 0.610 | 25        |       |
| Bromodichloromethane                        | 47.46  | 1.0  | ug/L  | 50.1                                              |               | 94.8 | 68-129      | 4.09  | 22        |       |
| cis-1,3-Dichloropropene                     | 45.52  | 1.0  | ug/L  | 50.1                                              |               | 90.9 | 65-134      | 2.64  | 23        |       |
| 4-Methyl-2-pentanone (MIBK)                 | 98.96  | 5.0  | ug/L  | 100                                               |               | 99.0 | 58-147      | 2.38  | 27        |       |
| Toluene                                     | 48.04  | 1.0  | ug/L  | 50.5                                              |               | 95.2 | 72-133      | 8.19  | 24        |       |
| trans-1,3-Dichloropropene                   | 43.12  | 1.0  | ug/L  | 50.1                                              |               | 86.1 | 67-130      | 2.74  | 24        |       |
| 1,1,2-Trichloroethane                       | 43.58  | 1.0  | ug/L  | 50.1                                              |               | 87.0 | 69-135      | 5.29  | 23        |       |
| Tetrachloroethylene                         | 49.29  | 1.0  | ug/L  | 50.1                                              |               | 98.4 | 69-130      | 3.06  | 25        |       |
| 2-Hexanone (MBK)                            | 109.8  | 5.0  | ug/L  | 100                                               |               | 110  | 55-144      | 1.11  | 25        |       |
| Dibromochloromethane                        | 50.60  | 1.0  | ug/L  | 50.1                                              |               | 101  | 73-127      | 1.83  | 22        |       |
| 1,2-Dibromoethane                           | 49.99  | 1.0  | ug/L  | 50.2                                              |               | 99.5 | 67-132      | 2.18  | 24        |       |
| Chlorobenzene                               | 46.48  | 1.0  | ug/L  | 50.1                                              |               | 92.8 | 72-123      | 3.78  | 23        |       |
| 1,1,1,2-Tetrachloroethane                   | 47.54  | 1.0  | ug/L  | 50.3                                              |               | 94.4 | 73-127      | 1.23  | 24        |       |
| Ethylbenzene                                | 50.79  | 1.0  | ug/L  | 50.2                                              |               | 101  | 71-127      | 4.77  | 26        |       |
| Xylenes, total                              | 151.3  | 2.0  | ug/L  | 151                                               |               | 100  | 74-127      | 4.92  | 25        |       |
| Styrene                                     | 50.35  | 1.0  | ug/L  | 50.4                                              |               | 100  | 66-126      | 5.22  | 23        |       |
| Bromoform                                   | 49.74  | 1.0  | ug/L  | 50.1                                              |               | 99.3 | 68-130      | 1.20  | 23        |       |
| 1,2,3-Trichloropropane                      | 43.54  | 1.0  | ug/L  | 50.3                                              |               | 86.5 | 63-136      | 6.70  | 24        |       |
| trans-1,4-Dichloro-2-butene                 | 91.99  | 5.0  | ug/L  | 100                                               |               | 92.0 | 54-134      | 0.553 | 27        |       |
| 1,1,2,2-Tetrachloroethane                   | 50.29  | 1.0  | ug/L  | 50.1                                              |               | 100  | 61-131      | 5.39  | 29        |       |

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CERTIFICATE OF ANALYSIS

11C0851

| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result                                     | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------------------------------------------|------|-------------|------|-----------|-------|
| Batch 11C1002 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |                                                   |      |             |      |           |       |
| LCS Dup (11C1002-BSD2)                      |        |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 02:21 |                                                   |      |             |      |           |       |
| 1,4-Dichlorobenzene                         | 50.44  | 1.0  | ug/L  | 50.1                                              |                                                   | 101  | 70-129      | 3.78 | 24        |       |
| 1,2-Dichlorobenzene                         | 52.65  | 1.0  | ug/L  | 50.1                                              |                                                   | 105  | 69-126      | 3.01 | 26        |       |
| 1,2-Dibromo-3-chloropropane                 | 54.86  | 5.0  | ug/L  | 50.1                                              |                                                   | 109  | 50-143      | 9.05 | 30        |       |
| Surrogate: Dibromofluoromethane             | 45.7   |      | ug/L  | 50.2                                              |                                                   | 91.1 | 57-134      |      |           |       |
| Surrogate: Dibromofluoromethane             | 45.7   |      | ug/L  | 50.2                                              |                                                   | 91.1 | 75-136      |      |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 47.1   |      | ug/L  | 50.1                                              |                                                   | 94.1 | 53-140      |      |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 47.1   |      | ug/L  | 50.1                                              |                                                   | 94.1 | 53-140      |      |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 47.1   |      | ug/L  | 50.1                                              |                                                   | 94.1 | 61-142      |      |           |       |
| Surrogate: Toluene-d8                       | 48.9   |      | ug/L  | 50.4                                              |                                                   | 97.0 | 86-114      |      |           |       |
| Surrogate: Toluene-d8                       | 48.9   |      | ug/L  | 50.4                                              |                                                   | 97.0 | 86-114      |      |           |       |
| Surrogate: Toluene-d8                       | 48.9   |      | ug/L  | 50.4                                              |                                                   | 97.0 | 82-121      |      |           |       |
| Surrogate: 4-Bromofluorobenzene             | 47.9   |      | ug/L  | 50.1                                              |                                                   | 95.5 | 78-121      |      |           |       |
| Surrogate: 4-Bromofluorobenzene             | 47.9   |      | ug/L  | 50.1                                              |                                                   | 95.5 | 78-121      |      |           |       |
| Surrogate: 4-Bromofluorobenzene             | 47.9   |      | ug/L  | 50.1                                              |                                                   | 95.5 | 80-116      |      |           |       |
| Matrix Spike (11C1002-MS1)                  |        |      |       | Source: 11C0851-01                                | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 00:30 |      |             |      |           |       |
| Chloromethane                               | 275.6  | 10.0 | ug/L  | 303                                               | ND                                                | 90.9 | 61-152      |      |           |       |
| Vinyl Chloride                              | 278.2  | 10.0 | ug/L  | 302                                               | ND                                                | 92.0 | 66-149      |      |           |       |
| Bromomethane                                | 272.5  | 10.0 | ug/L  | 301                                               | ND                                                | 90.5 | 43-171      |      |           |       |
| Chloroethane                                | 271.4  | 10.0 | ug/L  | 303                                               | ND                                                | 89.5 | 69-148      |      |           |       |
| Trichlorofluoromethane                      | 282.9  | 10.0 | ug/L  | 303                                               | ND                                                | 93.3 | 62-163      |      |           |       |
| Acrolein                                    | 407.4  | 100  | ug/L  | 504                                               | ND                                                | 80.9 | 22-138      |      |           |       |
| 1,1-Dichloroethylene                        | 469.4  | 10.0 | ug/L  | 501                                               | ND                                                | 93.6 | 70-148      |      |           |       |
| Acetone                                     | 1004   | 100  | ug/L  | 1000                                              | ND                                                | 100  | 45-173      |      |           |       |
| Methyl Iodide                               | 838.5  | 10.0 | ug/L  | 1000                                              | ND                                                | 83.8 | 62-167      |      |           |       |
| Carbon Disulfide                            | 882.1  | 10.0 | ug/L  | 1000                                              | ND                                                | 88.2 | 71-163      |      |           |       |
| Methylene Chloride                          | 402.5  | 50.0 | ug/L  | 501                                               | ND                                                | 80.3 | 69-140      |      |           |       |
| Acrylonitrile                               | 475.3  | 50.0 | ug/L  | 502                                               | ND                                                | 94.7 | 38-147      |      |           |       |
| Acrylonitrile                               | 475.3  | 50.0 | ug/L  | 502                                               | ND                                                | 94.7 | 38-147      |      |           |       |
| trans-1,2-Dichloroethylene                  | 468.3  | 10.0 | ug/L  | 501                                               | ND                                                | 93.5 | 69-144      |      |           |       |
| 1,1-Dichloroethane                          | 461.2  | 10.0 | ug/L  | 501                                               | ND                                                | 92.1 | 70-138      |      |           |       |
| Vinyl Acetate                               | 1380   | 50.0 | ug/L  | 1400                                              | ND                                                | 98.6 | 58-142      |      |           |       |
| cis-1,2-Dichloroethylene                    | 452.3  | 10.0 | ug/L  | 504                                               | ND                                                | 89.8 | 68-151      |      |           |       |
| 2-Butanone (MEK)                            | 822.8  | 100  | ug/L  | 1000                                              | ND                                                | 82.3 | 50-160      |      |           |       |
| Bromochloromethane                          | 447.0  | 10.0 | ug/L  | 504                                               | ND                                                | 88.7 | 65-143      |      |           |       |
| Chloroform                                  | 462.4  | 10.0 | ug/L  | 501                                               | ND                                                | 92.3 | 71-143      |      |           |       |
| 1,1,1-Trichloroethane                       | 478.8  | 10.0 | ug/L  | 501                                               | ND                                                | 95.5 | 63-133      |      |           |       |
| Carbon Tetrachloride                        | 481.2  | 10.0 | ug/L  | 501                                               | ND                                                | 96.1 | 63-142      |      |           |       |
| Benzene                                     | 472.1  | 10.0 | ug/L  | 504                                               | ND                                                | 93.6 | 69-133      |      |           |       |
| 1,2-Dichloroethane                          | 470.5  | 10.0 | ug/L  | 501                                               | ND                                                | 93.9 | 63-138      |      |           |       |
| Trichloroethylene                           | 477.0  | 10.0 | ug/L  | 501                                               | ND                                                | 95.2 | 71-133      |      |           |       |
| 1,2-Dichloropropane                         | 467.5  | 10.0 | ug/L  | 501                                               | ND                                                | 93.3 | 69-132      |      |           |       |
| Dibromomethane                              | 479.5  | 10.0 | ug/L  | 504                                               | ND                                                | 95.2 | 70-147      |      |           |       |
| Bromodichloromethane                        | 489.8  | 10.0 | ug/L  | 501                                               | ND                                                | 97.8 | 67-130      |      |           |       |

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| Determination of Volatile Organic Compounds | Result             | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------------------|------|-------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1IC1002 - EPA 5030B - EPA 8260D       |                    |      |       |                                                   |               |      |             |     |           |       |
| Matrix Spike (1IC1002-MS1)                  | Source: 1IC0851-01 |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 00:30 |               |      |             |     |           |       |
| cis-1,3-Dichloropropene                     | 459.5              | 10.0 | ug/L  | 501                                               | ND            | 91.7 | 61-126      |     |           |       |
| 4-Methyl-2-pentanone (MIBK)                 | 924.8              | 50.0 | ug/L  | 1000                                              | ND            | 92.5 | 55-147      |     |           |       |
| Toluene                                     | 512.3              | 10.0 | ug/L  | 505                                               | ND            | 101  | 71-133      |     |           |       |
| trans-1,3-Dichloropropene                   | 431.4              | 10.0 | ug/L  | 501                                               | ND            | 86.2 | 63-124      |     |           |       |
| 1,1,2-Trichloroethane                       | 447.9              | 10.0 | ug/L  | 501                                               | ND            | 89.4 | 69-133      |     |           |       |
| Tetrachloroethylene                         | 501.7              | 10.0 | ug/L  | 501                                               | ND            | 100  | 70-124      |     |           |       |
| 2-Hexanone (MBK)                            | 988.2              | 50.0 | ug/L  | 1000                                              | ND            | 98.8 | 53-141      |     |           |       |
| Dibromochloromethane                        | 498.3              | 10.0 | ug/L  | 501                                               | ND            | 99.5 | 74-122      |     |           |       |
| 1,2-Dibromoethane                           | 496.1              | 10.0 | ug/L  | 502                                               | ND            | 98.8 | 66-127      |     |           |       |
| Chlorobenzene                               | 480.9              | 10.0 | ug/L  | 501                                               | ND            | 96.0 | 76-116      |     |           |       |
| 1,1,1,2-Tetrachloroethane                   | 475.1              | 10.0 | ug/L  | 503                                               | ND            | 94.4 | 77-121      |     |           |       |
| Ethylbenzene                                | 523.3              | 10.0 | ug/L  | 502                                               | ND            | 104  | 73-124      |     |           |       |
| Xylenes, total                              | 1581               | 20.0 | ug/L  | 1510                                              | ND            | 105  | 75-123      |     |           |       |
| Styrene                                     | 529.4              | 10.0 | ug/L  | 504                                               | ND            | 105  | 70-120      |     |           |       |
| Bromoform                                   | 489.5              | 10.0 | ug/L  | 501                                               | ND            | 97.7 | 70-124      |     |           |       |
| 1,2,3-Trichloropropane                      | 458.4              | 10.0 | ug/L  | 503                                               | ND            | 91.1 | 62-135      |     |           |       |
| trans-1,4-Dichloro-2-butene                 | 915.4              | 50.0 | ug/L  | 1000                                              | ND            | 91.5 | 50-120      |     |           |       |
| 1,1,2,2-Tetrachloroethane                   | 451.2              | 10.0 | ug/L  | 501                                               | ND            | 90.1 | 63-126      |     |           |       |
| 1,4-Dichlorobenzene                         | 457.7              | 10.0 | ug/L  | 501                                               | ND            | 91.3 | 72-119      |     |           |       |
| 1,2-Dichlorobenzene                         | 470.0              | 10.0 | ug/L  | 501                                               | ND            | 93.8 | 71-117      |     |           |       |
| 1,2-Dibromo-3-chloropropane                 | 437.7              | 50.0 | ug/L  | 501                                               | ND            | 87.3 | 49-134      |     |           |       |
| Surrogate: Dibromofluoromethane             | 446                |      | ug/L  | 502                                               |               | 88.9 | 57-134      |     |           |       |
| Surrogate: Dibromofluoromethane             | 446                |      | ug/L  | 502                                               |               | 88.9 | 75-136      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 448                |      | ug/L  | 501                                               |               | 89.4 | 53-140      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 448                |      | ug/L  | 501                                               |               | 89.4 | 53-140      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 448                |      | ug/L  | 501                                               |               | 89.4 | 61-142      |     |           |       |
| Surrogate: Toluene-d8                       | 498                |      | ug/L  | 504                                               |               | 98.9 | 86-114      |     |           |       |
| Surrogate: Toluene-d8                       | 498                |      | ug/L  | 504                                               |               | 98.9 | 86-114      |     |           |       |
| Surrogate: Toluene-d8                       | 498                |      | ug/L  | 504                                               |               | 98.9 | 82-121      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 500                |      | ug/L  | 501                                               |               | 99.6 | 78-121      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 500                |      | ug/L  | 501                                               |               | 99.6 | 78-121      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 500                |      | ug/L  | 501                                               |               | 99.6 | 80-116      |     |           |       |
| Matrix Spike (1IC1002-MS2)                  | Source: 1IC0851-21 |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 10:10 |               |      |             |     |           |       |
| Chloromethane                               | 283.7              | 10.0 | ug/L  | 303                                               | ND            | 93.6 | 61-152      |     |           |       |
| Vinyl Chloride                              | 285.5              | 10.0 | ug/L  | 302                                               | ND            | 94.4 | 66-149      |     |           |       |
| Bromomethane                                | 257.4              | 10.0 | ug/L  | 301                                               | ND            | 85.5 | 43-171      |     |           |       |
| Chloroethane                                | 286.2              | 10.0 | ug/L  | 303                                               | ND            | 94.4 | 69-148      |     |           |       |
| Trichlorofluoromethane                      | 305.5              | 10.0 | ug/L  | 303                                               | ND            | 101  | 62-163      |     |           |       |
| Acrolein                                    | 385.1              | 100  | ug/L  | 504                                               | ND            | 76.5 | 22-138      |     |           |       |
| 1,1-Dichloroethylene                        | 508.7              | 10.0 | ug/L  | 501                                               | ND            | 101  | 70-148      |     |           |       |
| Acetone                                     | 1148               | 100  | ug/L  | 1000                                              | ND            | 115  | 45-173      |     |           |       |
| Methyl Iodide                               | 892.2              | 10.0 | ug/L  | 1000                                              | ND            | 89.2 | 62-167      |     |           |       |
| Carbon Disulfide                            | 941.3              | 10.0 | ug/L  | 1000                                              | ND            | 94.1 | 71-163      |     |           |       |

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| Determination of Volatile Organic Compounds | Result             | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------------------|------|-------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1IC1002 - EPA 5030B - EPA 8260D       |                    |      |       |                                                   |               |      |             |     |           |       |
| Matrix Spike (1IC1002-MS2)                  | Source: 1IC0851-21 |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 10:10 |               |      |             |     |           |       |
| Methylene Chloride                          | 432.2              | 50.0 | ug/L  | 501                                               | ND            | 86.3 | 69-140      |     |           |       |
| Acrylonitrile                               | 500.0              | 50.0 | ug/L  | 502                                               | ND            | 99.6 | 38-147      |     |           |       |
| Acrylonitrile                               | 500.0              | 50.0 | ug/L  | 502                                               | ND            | 99.6 | 38-147      |     |           |       |
| trans-1,2-Dichloroethylene                  | 500.9              | 10.0 | ug/L  | 501                                               | ND            | 100  | 69-144      |     |           |       |
| 1,1-Dichloroethane                          | 497.4              | 10.0 | ug/L  | 501                                               | ND            | 99.3 | 70-138      |     |           |       |
| Vinyl Acetate                               | 1471               | 50.0 | ug/L  | 1400                                              | ND            | 105  | 58-142      |     |           |       |
| cis-1,2-Dichloroethylene                    | 493.4              | 10.0 | ug/L  | 504                                               | ND            | 98.0 | 68-151      |     |           |       |
| 2-Butanone (MEK)                            | 899.1              | 100  | ug/L  | 1000                                              | ND            | 89.9 | 50-160      |     |           |       |
| Bromochloromethane                          | 491.6              | 10.0 | ug/L  | 504                                               | ND            | 97.5 | 65-143      |     |           |       |
| Chloroform                                  | 498.0              | 10.0 | ug/L  | 501                                               | ND            | 99.4 | 71-143      |     |           |       |
| 1,1,1-Trichloroethane                       | 507.1              | 10.0 | ug/L  | 501                                               | ND            | 101  | 63-133      |     |           |       |
| Carbon Tetrachloride                        | 503.0              | 10.0 | ug/L  | 501                                               | ND            | 100  | 63-142      |     |           |       |
| Benzene                                     | 491.1              | 10.0 | ug/L  | 504                                               | ND            | 97.4 | 69-133      |     |           |       |
| 1,2-Dichloroethane                          | 511.2              | 10.0 | ug/L  | 501                                               | ND            | 102  | 63-138      |     |           |       |
| Trichloroethylene                           | 504.1              | 10.0 | ug/L  | 501                                               | ND            | 101  | 71-133      |     |           |       |
| 1,2-Dichloropropane                         | 492.6              | 10.0 | ug/L  | 501                                               | ND            | 98.3 | 69-132      |     |           |       |
| Dibromomethane                              | 505.3              | 10.0 | ug/L  | 504                                               | ND            | 100  | 70-147      |     |           |       |
| Bromodichloromethane                        | 513.7              | 10.0 | ug/L  | 501                                               | ND            | 103  | 67-130      |     |           |       |
| cis-1,3-Dichloropropene                     | 472.1              | 10.0 | ug/L  | 501                                               | ND            | 94.3 | 61-126      |     |           |       |
| 4-Methyl-2-pentanone (MIBK)                 | 1052               | 50.0 | ug/L  | 1000                                              | ND            | 105  | 55-147      |     |           |       |
| Toluene                                     | 521.2              | 10.0 | ug/L  | 505                                               | ND            | 103  | 71-133      |     |           |       |
| trans-1,3-Dichloropropene                   | 459.2              | 10.0 | ug/L  | 501                                               | ND            | 91.7 | 63-124      |     |           |       |
| 1,1,2-Trichloroethane                       | 481.9              | 10.0 | ug/L  | 501                                               | ND            | 96.2 | 69-133      |     |           |       |
| Tetrachloroethylene                         | 494.4              | 10.0 | ug/L  | 501                                               | ND            | 98.7 | 70-124      |     |           |       |
| 2-Hexanone (MBK)                            | 1088               | 50.0 | ug/L  | 1000                                              | ND            | 109  | 53-141      |     |           |       |
| Dibromochloromethane                        | 525.4              | 10.0 | ug/L  | 501                                               | ND            | 105  | 74-122      |     |           |       |
| 1,2-Dibromoethane                           | 511.6              | 10.0 | ug/L  | 502                                               | ND            | 102  | 66-127      |     |           |       |
| Chlorobenzene                               | 488.5              | 10.0 | ug/L  | 501                                               | ND            | 97.5 | 76-116      |     |           |       |
| 1,1,1,2-Tetrachloroethane                   | 493.4              | 10.0 | ug/L  | 503                                               | ND            | 98.0 | 77-121      |     |           |       |
| Ethylbenzene                                | 522.7              | 10.0 | ug/L  | 502                                               | ND            | 104  | 73-124      |     |           |       |
| Xylenes, total                              | 1570               | 20.0 | ug/L  | 1510                                              | ND            | 104  | 75-123      |     |           |       |
| Styrene                                     | 532.1              | 10.0 | ug/L  | 504                                               | ND            | 106  | 70-120      |     |           |       |
| Bromoform                                   | 523.2              | 10.0 | ug/L  | 501                                               | ND            | 104  | 70-124      |     |           |       |
| 1,2,3-Trichloropropane                      | 482.3              | 10.0 | ug/L  | 503                                               | ND            | 95.8 | 62-135      |     |           |       |
| trans-1,4-Dichloro-2-butene                 | 922.3              | 50.0 | ug/L  | 1000                                              | ND            | 92.2 | 50-120      |     |           |       |
| 1,1,2,2-Tetrachloroethane                   | 479.1              | 10.0 | ug/L  | 501                                               | ND            | 95.6 | 63-126      |     |           |       |
| 1,4-Dichlorobenzene                         | 464.0              | 10.0 | ug/L  | 501                                               | ND            | 92.6 | 72-119      |     |           |       |
| 1,2-Dichlorobenzene                         | 497.9              | 10.0 | ug/L  | 501                                               | ND            | 99.4 | 71-117      |     |           |       |
| 1,2-Dibromo-3-chloropropane                 | 619.4              | 50.0 | ug/L  | 501                                               | ND            | 124  | 49-134      |     |           |       |
| Surrogate: Dibromofluoromethane             | 478                |      | ug/L  | 502                                               |               | 95.3 | 57-134      |     |           |       |
| Surrogate: Dibromofluoromethane             | 478                |      | ug/L  | 502                                               |               | 95.3 | 75-136      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 476                |      | ug/L  | 501                                               |               | 95.0 | 53-140      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 476                |      | ug/L  | 501                                               |               | 95.0 | 53-140      |     |           |       |

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| Determination of Volatile Organic Compounds | Result             | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD   | RPD Limit | Notes |
|---------------------------------------------|--------------------|------|-------|---------------------------------------------------|---------------|------|-------------|-------|-----------|-------|
| Batch 1IC1002 - EPA 5030B - EPA 8260D       |                    |      |       |                                                   |               |      |             |       |           |       |
| Matrix Spike (1IC1002-MS2)                  | Source: 1IC0851-21 |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 10:10 |               |      |             |       |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 476                |      | ug/L  | 501                                               |               | 95.0 | 61-142      |       |           |       |
| Surrogate: Toluene-d8                       | 500                |      | ug/L  | 504                                               |               | 99.2 | 86-114      |       |           |       |
| Surrogate: Toluene-d8                       | 500                |      | ug/L  | 504                                               |               | 99.2 | 86-114      |       |           |       |
| Surrogate: Toluene-d8                       | 500                |      | ug/L  | 504                                               |               | 99.2 | 82-121      |       |           |       |
| Surrogate: 4-Bromofluorobenzene             | 503                |      | ug/L  | 501                                               |               | 100  | 78-121      |       |           |       |
| Surrogate: 4-Bromofluorobenzene             | 503                |      | ug/L  | 501                                               |               | 100  | 78-121      |       |           |       |
| Surrogate: 4-Bromofluorobenzene             | 503                |      | ug/L  | 501                                               |               | 100  | 80-116      |       |           |       |
| Matrix Spike Dup (1IC1002-MSD1)             | Source: 1IC0851-01 |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 00:52 |               |      |             |       |           |       |
| Chloromethane                               | 269.5              | 10.0 | ug/L  | 303                                               | ND            | 88.9 | 61-152      | 2.24  | 26        |       |
| Vinyl Chloride                              | 272.9              | 10.0 | ug/L  | 302                                               | ND            | 90.2 | 66-149      | 1.92  | 23        |       |
| Bromomethane                                | 251.1              | 10.0 | ug/L  | 301                                               | ND            | 83.4 | 43-171      | 8.17  | 29        |       |
| Chloroethane                                | 268.3              | 10.0 | ug/L  | 303                                               | ND            | 88.5 | 69-148      | 1.15  | 25        |       |
| Trichlorofluoromethane                      | 250.3              | 10.0 | ug/L  | 303                                               | ND            | 82.6 | 62-163      | 12.2  | 25        |       |
| Acrolein                                    | 364.6              | 100  | ug/L  | 504                                               | ND            | 72.4 | 22-138      | 11.1  | 30        |       |
| 1,1-Dichloroethylene                        | 425.5              | 10.0 | ug/L  | 501                                               | ND            | 84.9 | 70-148      | 9.81  | 22        |       |
| Acetone                                     | 911.3              | 100  | ug/L  | 1000                                              | ND            | 91.1 | 45-173      | 9.69  | 30        |       |
| Methyl Iodide                               | 806.9              | 10.0 | ug/L  | 1000                                              | ND            | 80.7 | 62-167      | 3.84  | 24        |       |
| Carbon Disulfide                            | 826.1              | 10.0 | ug/L  | 1000                                              | ND            | 82.6 | 71-163      | 6.56  | 22        |       |
| Methylene Chloride                          | 369.4              | 50.0 | ug/L  | 501                                               | ND            | 73.7 | 69-140      | 8.58  | 19        |       |
| Acrylonitrile                               | 419.4              | 50.0 | ug/L  | 502                                               | ND            | 83.5 | 38-147      | 12.5  | 30        |       |
| Acrylonitrile                               | 419.4              | 50.0 | ug/L  | 502                                               | ND            | 83.5 | 38-147      | 12.5  | 30        |       |
| trans-1,2-Dichloroethylene                  | 420.5              | 10.0 | ug/L  | 501                                               | ND            | 84.0 | 69-144      | 10.8  | 22        |       |
| 1,1-Dichloroethane                          | 414.5              | 10.0 | ug/L  | 501                                               | ND            | 82.7 | 70-138      | 10.7  | 20        |       |
| Vinyl Acetate                               | 1225               | 50.0 | ug/L  | 1400                                              | ND            | 87.5 | 58-142      | 11.9  | 24        |       |
| cis-1,2-Dichloroethylene                    | 408.4              | 10.0 | ug/L  | 504                                               | ND            | 81.1 | 68-151      | 10.2  | 22        |       |
| 2-Butanone (MEK)                            | 809.1              | 100  | ug/L  | 1000                                              | ND            | 80.9 | 50-160      | 1.68  | 23        |       |
| Bromochloromethane                          | 408.2              | 10.0 | ug/L  | 504                                               | ND            | 81.0 | 65-143      | 9.07  | 22        |       |
| Chloroform                                  | 403.4              | 10.0 | ug/L  | 501                                               | ND            | 80.5 | 71-143      | 13.6  | 21        |       |
| 1,1,1-Trichloroethane                       | 448.2              | 10.0 | ug/L  | 501                                               | ND            | 89.4 | 63-133      | 6.60  | 23        |       |
| Carbon Tetrachloride                        | 441.4              | 10.0 | ug/L  | 501                                               | ND            | 88.1 | 63-142      | 8.63  | 22        |       |
| Benzene                                     | 437.8              | 10.0 | ug/L  | 504                                               | ND            | 86.8 | 69-133      | 7.54  | 18        |       |
| 1,2-Dichloroethane                          | 428.3              | 10.0 | ug/L  | 501                                               | ND            | 85.5 | 63-138      | 9.39  | 20        |       |
| Trichloroethylene                           | 442.6              | 10.0 | ug/L  | 501                                               | ND            | 88.4 | 71-133      | 7.48  | 23        |       |
| 1,2-Dichloropropane                         | 422.7              | 10.0 | ug/L  | 501                                               | ND            | 84.4 | 69-132      | 10.1  | 20        |       |
| Dibromomethane                              | 420.8              | 10.0 | ug/L  | 504                                               | ND            | 83.5 | 70-147      | 13.0  | 22        |       |
| Bromodichloromethane                        | 441.6              | 10.0 | ug/L  | 501                                               | ND            | 88.2 | 67-130      | 10.4  | 21        |       |
| cis-1,3-Dichloropropene                     | 421.2              | 10.0 | ug/L  | 501                                               | ND            | 84.1 | 61-126      | 8.70  | 21        |       |
| 4-Methyl-2-pentanone (MIBK)                 | 920.9              | 50.0 | ug/L  | 1000                                              | ND            | 92.1 | 55-147      | 0.423 | 23        |       |
| Toluene                                     | 495.5              | 10.0 | ug/L  | 505                                               | ND            | 98.2 | 71-133      | 3.33  | 19        |       |
| trans-1,3-Dichloropropene                   | 401.5              | 10.0 | ug/L  | 501                                               | ND            | 80.2 | 63-124      | 7.18  | 21        |       |
| 1,1,2-Trichloroethane                       | 417.5              | 10.0 | ug/L  | 501                                               | ND            | 83.3 | 69-133      | 7.03  | 19        |       |
| Tetrachloroethylene                         | 479.1              | 10.0 | ug/L  | 501                                               | ND            | 95.6 | 70-124      | 4.61  | 24        |       |
| 2-Hexanone (MBK)                            | 979.4              | 50.0 | ug/L  | 1000                                              | ND            | 97.9 | 53-141      | 0.894 | 24        |       |

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| Determination of Volatile Organic Compounds | Result             | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD   | RPD Limit | Notes |
|---------------------------------------------|--------------------|------|-------|---------------------------------------------------|---------------|------|-------------|-------|-----------|-------|
| Batch 1IC1002 - EPA 5030B - EPA 8260D       |                    |      |       |                                                   |               |      |             |       |           |       |
| Matrix Spike Dup (1IC1002-MSD1)             | Source: 1IC0851-01 |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 00:52 |               |      |             |       |           |       |
| Dibromochloromethane                        | 467.5              | 10.0 | ug/L  | 501                                               | ND            | 93.4 | 74-122      | 6.38  | 21        |       |
| 1,2-Dibromoethane                           | 459.8              | 10.0 | ug/L  | 502                                               | ND            | 91.5 | 66-127      | 7.59  | 23        |       |
| Chlorobenzene                               | 453.4              | 10.0 | ug/L  | 501                                               | ND            | 90.5 | 76-116      | 5.89  | 21        |       |
| 1,1,1,2-Tetrachloroethane                   | 441.3              | 10.0 | ug/L  | 503                                               | ND            | 87.7 | 77-121      | 7.38  | 25        |       |
| Ethylbenzene                                | 503.7              | 10.0 | ug/L  | 502                                               | ND            | 100  | 73-124      | 3.82  | 20        |       |
| Xylenes, total                              | 1517               | 20.0 | ug/L  | 1510                                              | ND            | 100  | 75-123      | 4.11  | 20        |       |
| Styrene                                     | 508.2              | 10.0 | ug/L  | 504                                               | ND            | 101  | 70-120      | 4.09  | 23        |       |
| Bromoform                                   | 472.1              | 10.0 | ug/L  | 501                                               | ND            | 94.2 | 70-124      | 3.62  | 22        |       |
| 1,2,3-Trichloropropane                      | 442.9              | 10.0 | ug/L  | 503                                               | ND            | 88.0 | 62-135      | 3.44  | 28        |       |
| trans-1,4-Dichloro-2-butene                 | 907.5              | 50.0 | ug/L  | 1000                                              | ND            | 90.8 | 50-120      | 0.867 | 26        |       |
| 1,1,2,2-Tetrachloroethane                   | 475.9              | 10.0 | ug/L  | 501                                               | ND            | 95.0 | 63-126      | 5.33  | 24        |       |
| 1,4-Dichlorobenzene                         | 471.1              | 10.0 | ug/L  | 501                                               | ND            | 94.0 | 72-119      | 2.89  | 24        |       |
| 1,2-Dichlorobenzene                         | 492.6              | 10.0 | ug/L  | 501                                               | ND            | 98.3 | 71-117      | 4.70  | 24        |       |
| 1,2-Dibromo-3-chloropropane                 | 568.8              | 50.0 | ug/L  | 501                                               | ND            | 113  | 49-134      | 26.1  | 28        |       |
| Surrogate: Dibromofluoromethane             | 412                |      | ug/L  | 502                                               |               | 82.1 | 57-134      |       |           |       |
| Surrogate: Dibromofluoromethane             | 412                |      | ug/L  | 502                                               |               | 82.1 | 75-136      |       |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 414                |      | ug/L  | 501                                               |               | 82.8 | 53-140      |       |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 414                |      | ug/L  | 501                                               |               | 82.8 | 53-140      |       |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 414                |      | ug/L  | 501                                               |               | 82.8 | 61-142      |       |           |       |
| Surrogate: Toluene-d8                       | 507                |      | ug/L  | 504                                               |               | 101  | 86-114      |       |           |       |
| Surrogate: Toluene-d8                       | 507                |      | ug/L  | 504                                               |               | 101  | 86-114      |       |           |       |
| Surrogate: Toluene-d8                       | 507                |      | ug/L  | 504                                               |               | 101  | 82-121      |       |           |       |
| Surrogate: 4-Bromofluorobenzene             | 486                |      | ug/L  | 501                                               |               | 96.9 | 78-121      |       |           |       |
| Surrogate: 4-Bromofluorobenzene             | 486                |      | ug/L  | 501                                               |               | 96.9 | 78-121      |       |           |       |
| Surrogate: 4-Bromofluorobenzene             | 486                |      | ug/L  | 501                                               |               | 96.9 | 80-116      |       |           |       |
| Matrix Spike Dup (1IC1002-MSD2)             | Source: 1IC0851-21 |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 10:33 |               |      |             |       |           |       |
| Chloromethane                               | 288.8              | 10.0 | ug/L  | 303                                               | ND            | 95.2 | 61-152      | 1.78  | 26        |       |
| Vinyl Chloride                              | 288.6              | 10.0 | ug/L  | 302                                               | ND            | 95.4 | 66-149      | 1.08  | 23        |       |
| Bromomethane                                | 261.0              | 10.0 | ug/L  | 301                                               | ND            | 86.6 | 43-171      | 1.39  | 29        |       |
| Chloroethane                                | 279.3              | 10.0 | ug/L  | 303                                               | ND            | 92.1 | 69-148      | 2.44  | 25        |       |
| Trichlorofluoromethane                      | 288.9              | 10.0 | ug/L  | 303                                               | ND            | 95.3 | 62-163      | 5.59  | 25        |       |
| Acrolein                                    | 399.8              | 100  | ug/L  | 504                                               | ND            | 79.4 | 22-138      | 3.75  | 30        |       |
| 1,1-Dichloroethylene                        | 492.7              | 10.0 | ug/L  | 501                                               | ND            | 98.3 | 70-148      | 3.20  | 22        |       |
| Acetone                                     | 1033               | 100  | ug/L  | 1000                                              | ND            | 103  | 45-173      | 10.5  | 30        |       |
| Methyl Iodide                               | 905.7              | 10.0 | ug/L  | 1000                                              | ND            | 90.6 | 62-167      | 1.50  | 24        |       |
| Carbon Disulfide                            | 933.6              | 10.0 | ug/L  | 1000                                              | ND            | 93.4 | 71-163      | 0.821 | 22        |       |
| Methylene Chloride                          | 436.1              | 50.0 | ug/L  | 501                                               | ND            | 87.0 | 69-140      | 0.898 | 19        |       |
| Acrylonitrile                               | 491.3              | 50.0 | ug/L  | 502                                               | ND            | 97.9 | 38-147      | 1.76  | 30        |       |
| Acrylonitrile                               | 491.3              | 50.0 | ug/L  | 502                                               | ND            | 97.9 | 38-147      | 1.76  | 30        |       |
| trans-1,2-Dichloroethylene                  | 487.9              | 10.0 | ug/L  | 501                                               | ND            | 97.4 | 69-144      | 2.63  | 22        |       |
| 1,1-Dichloroethane                          | 484.3              | 10.0 | ug/L  | 501                                               | ND            | 96.7 | 70-138      | 2.67  | 20        |       |
| Vinyl Acetate                               | 1438               | 50.0 | ug/L  | 1400                                              | ND            | 103  | 58-142      | 2.27  | 24        |       |
| cis-1,2-Dichloroethylene                    | 487.4              | 10.0 | ug/L  | 504                                               | ND            | 96.8 | 68-151      | 1.22  | 22        |       |

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| Determination of Volatile Organic Compounds | Result             | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD    | RPD Limit | Notes |
|---------------------------------------------|--------------------|------|-------|---------------------------------------------------|---------------|------|-------------|--------|-----------|-------|
| Batch 1IC1002 - EPA 5030B - EPA 8260D       |                    |      |       |                                                   |               |      |             |        |           |       |
| Matrix Spike Dup (1IC1002-MSD2)             | Source: 1IC0851-21 |      |       | Prepared: 03/19/25 00:00 Analyzed: 03/20/25 10:33 |               |      |             |        |           |       |
| 2-Butanone (MEK)                            | 898.6              | 100  | ug/L  | 1000                                              | ND            | 89.9 | 50-160      | 0.0556 | 23        |       |
| Bromochloromethane                          | 494.7              | 10.0 | ug/L  | 504                                               | ND            | 98.2 | 65-143      | 0.629  | 22        |       |
| Chloroform                                  | 481.8              | 10.0 | ug/L  | 501                                               | ND            | 96.2 | 71-143      | 3.31   | 21        |       |
| 1,1,1-Trichloroethane                       | 498.9              | 10.0 | ug/L  | 501                                               | ND            | 99.6 | 63-133      | 1.63   | 23        |       |
| Carbon Tetrachloride                        | 495.0              | 10.0 | ug/L  | 501                                               | ND            | 98.8 | 63-142      | 1.60   | 22        |       |
| Benzene                                     | 489.0              | 10.0 | ug/L  | 504                                               | ND            | 97.0 | 69-133      | 0.429  | 18        |       |
| 1,2-Dichloroethane                          | 513.6              | 10.0 | ug/L  | 501                                               | ND            | 103  | 63-138      | 0.468  | 20        |       |
| Trichloroethylene                           | 492.2              | 10.0 | ug/L  | 501                                               | ND            | 98.3 | 71-133      | 2.39   | 23        |       |
| 1,2-Dichloropropane                         | 504.8              | 10.0 | ug/L  | 501                                               | ND            | 101  | 69-132      | 2.45   | 20        |       |
| Dibromomethane                              | 512.9              | 10.0 | ug/L  | 504                                               | ND            | 102  | 70-147      | 1.49   | 22        |       |
| Bromodichloromethane                        | 508.6              | 10.0 | ug/L  | 501                                               | ND            | 102  | 67-130      | 0.998  | 21        |       |
| cis-1,3-Dichloropropene                     | 473.3              | 10.0 | ug/L  | 501                                               | ND            | 94.5 | 61-126      | 0.254  | 21        |       |
| 4-Methyl-2-pentanone (MIBK)                 | 1085               | 50.0 | ug/L  | 1000                                              | ND            | 109  | 55-147      | 3.17   | 23        |       |
| Toluene                                     | 530.2              | 10.0 | ug/L  | 505                                               | ND            | 105  | 71-133      | 1.71   | 19        |       |
| trans-1,3-Dichloropropene                   | 457.3              | 10.0 | ug/L  | 501                                               | ND            | 91.3 | 63-124      | 0.415  | 21        |       |
| 1,1,2-Trichloroethane                       | 489.2              | 10.0 | ug/L  | 501                                               | ND            | 97.7 | 69-133      | 1.50   | 19        |       |
| Tetrachloroethylene                         | 491.6              | 10.0 | ug/L  | 501                                               | ND            | 98.1 | 70-124      | 0.568  | 24        |       |
| 2-Hexanone (MBK)                            | 1108               | 50.0 | ug/L  | 1000                                              | ND            | 111  | 53-141      | 1.78   | 24        |       |
| Dibromochloromethane                        | 524.8              | 10.0 | ug/L  | 501                                               | ND            | 105  | 74-122      | 0.114  | 21        |       |
| 1,2-Dibromoethane                           | 516.1              | 10.0 | ug/L  | 502                                               | ND            | 103  | 66-127      | 0.876  | 23        |       |
| Chlorobenzene                               | 487.5              | 10.0 | ug/L  | 501                                               | ND            | 97.3 | 76-116      | 0.205  | 21        |       |
| 1,1,1,2-Tetrachloroethane                   | 479.9              | 10.0 | ug/L  | 503                                               | ND            | 95.3 | 77-121      | 2.77   | 25        |       |
| Ethylbenzene                                | 522.3              | 10.0 | ug/L  | 502                                               | ND            | 104  | 73-124      | 0.0766 | 20        |       |
| Xylenes, total                              | 1580               | 20.0 | ug/L  | 1510                                              | ND            | 105  | 75-123      | 0.686  | 20        |       |
| Styrene                                     | 540.0              | 10.0 | ug/L  | 504                                               | ND            | 107  | 70-120      | 1.47   | 23        |       |
| Bromoform                                   | 537.3              | 10.0 | ug/L  | 501                                               | ND            | 107  | 70-124      | 2.66   | 22        |       |
| 1,2,3-Trichloropropane                      | 482.6              | 10.0 | ug/L  | 503                                               | ND            | 95.9 | 62-135      | 0.0622 | 28        |       |
| trans-1,4-Dichloro-2-butene                 | 921.4              | 50.0 | ug/L  | 1000                                              | ND            | 92.1 | 50-120      | 0.0976 | 26        |       |
| 1,1,2,2-Tetrachloroethane                   | 490.7              | 10.0 | ug/L  | 501                                               | ND            | 97.9 | 63-126      | 2.39   | 24        |       |
| 1,4-Dichlorobenzene                         | 481.6              | 10.0 | ug/L  | 501                                               | ND            | 96.1 | 72-119      | 3.72   | 24        |       |
| 1,2-Dichlorobenzene                         | 507.0              | 10.0 | ug/L  | 501                                               | ND            | 101  | 71-117      | 1.81   | 24        |       |
| 1,2-Dibromo-3-chloropropane                 | 602.9              | 50.0 | ug/L  | 501                                               | ND            | 120  | 49-134      | 2.70   | 28        |       |
| Surrogate: Dibromofluoromethane             | 470                |      | ug/L  | 502                                               |               | 93.6 | 57-134      |        |           |       |
| Surrogate: Dibromofluoromethane             | 470                |      | ug/L  | 502                                               |               | 93.6 | 75-136      |        |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 462                |      | ug/L  | 501                                               |               | 92.3 | 53-140      |        |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 462                |      | ug/L  | 501                                               |               | 92.3 | 53-140      |        |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 462                |      | ug/L  | 501                                               |               | 92.3 | 61-142      |        |           |       |
| Surrogate: Toluene-d8                       | 495                |      | ug/L  | 504                                               |               | 98.2 | 86-114      |        |           |       |
| Surrogate: Toluene-d8                       | 495                |      | ug/L  | 504                                               |               | 98.2 | 86-114      |        |           |       |
| Surrogate: Toluene-d8                       | 495                |      | ug/L  | 504                                               |               | 98.2 | 82-121      |        |           |       |
| Surrogate: 4-Bromofluorobenzene             | 497                |      | ug/L  | 501                                               |               | 99.1 | 78-121      |        |           |       |
| Surrogate: 4-Bromofluorobenzene             | 497                |      | ug/L  | 501                                               |               | 99.1 | 78-121      |        |           |       |
| Surrogate: 4-Bromofluorobenzene             | 497                |      | ug/L  | 501                                               |               | 99.1 | 80-116      |        |           |       |

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| Determination of Volatile Organic Compounds                                                          | Result | RL   | Units | Spike Level | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|------------------------------------------------------------------------------------------------------|--------|------|-------|-------------|---------------|------|-------------|------|-----------|-------|
| Batch 1IC1200 - EPA 5030B - EPA 8260D                                                                |        |      |       |             |               |      |             |      |           |       |
| Blank (1IC1200-BLK1) Prepared: 03/24/25 00:00 Analyzed: 03/24/25 15:06                               |        |      |       |             |               |      |             |      |           |       |
| Allyl chloride                                                                                       | <1.0   | 1.0  | ug/L  |             |               |      |             |      |           |       |
| Chloroprene                                                                                          | <1.0   | 1.0  | ug/L  |             |               |      |             |      |           |       |
| Methacrylonitrile                                                                                    | <1.0   | 1.0  | ug/L  |             |               |      |             |      |           |       |
| Methyl Methacrylate                                                                                  | <1.0   | 1.0  | ug/L  |             |               |      |             |      |           |       |
| Propionitrile                                                                                        | <10.0  | 10.0 | ug/L  |             |               |      |             |      |           |       |
| Surrogate: Dibromofluoromethane                                                                      | 54.6   |      | ug/L  | 50.2        |               | 109  | 57-134      |      |           |       |
| Surrogate: 1,2-Dichloroethane-d4                                                                     | 50.9   |      | ug/L  | 50.1        |               | 102  | 53-140      |      |           |       |
| Surrogate: Toluene-d8                                                                                | 50.0   |      | ug/L  | 50.4        |               | 99.3 | 86-114      |      |           |       |
| Surrogate: 4-Bromofluorobenzene                                                                      | 47.5   |      | ug/L  | 50.1        |               | 94.8 | 78-121      |      |           |       |
| LCS (1IC1200-BS1) Prepared: 03/24/25 00:00 Analyzed: 03/24/25 13:45                                  |        |      |       |             |               |      |             |      |           |       |
| Allyl chloride                                                                                       | 58.92  | 1.0  | ug/L  | 50.0        |               | 118  | 40-154      |      |           |       |
| Chloroprene                                                                                          | 57.29  | 1.0  | ug/L  | 50.0        |               | 115  | 57-134      |      |           |       |
| Methacrylonitrile                                                                                    | 52.85  | 1.0  | ug/L  | 50.0        |               | 106  | 59-124      |      |           |       |
| Methyl Methacrylate                                                                                  | 49.26  | 1.0  | ug/L  | 50.0        |               | 98.5 | 64-130      |      |           |       |
| Propionitrile                                                                                        | 57.84  | 10.0 | ug/L  | 50.0        |               | 116  | 32-180      |      |           |       |
| Surrogate: Dibromofluoromethane                                                                      | 52.9   |      | ug/L  | 50.2        |               | 105  | 57-134      |      |           |       |
| Surrogate: 1,2-Dichloroethane-d4                                                                     | 50.7   |      | ug/L  | 50.1        |               | 101  | 53-140      |      |           |       |
| Surrogate: Toluene-d8                                                                                | 49.3   |      | ug/L  | 50.4        |               | 97.8 | 86-114      |      |           |       |
| Surrogate: 4-Bromofluorobenzene                                                                      | 49.3   |      | ug/L  | 50.1        |               | 98.3 | 78-121      |      |           |       |
| LCS Dup (1IC1200-BSD1) Prepared: 03/24/25 00:00 Analyzed: 03/24/25 14:08                             |        |      |       |             |               |      |             |      |           |       |
| Allyl chloride                                                                                       | 57.53  | 1.0  | ug/L  | 50.0        |               | 115  | 40-154      | 2.39 | 16        |       |
| Chloroprene                                                                                          | 54.49  | 1.0  | ug/L  | 50.0        |               | 109  | 57-134      | 5.01 | 15        |       |
| Methacrylonitrile                                                                                    | 48.49  | 1.0  | ug/L  | 50.0        |               | 97.0 | 59-124      | 8.60 | 17        |       |
| Methyl Methacrylate                                                                                  | 46.60  | 1.0  | ug/L  | 50.0        |               | 93.2 | 64-130      | 5.55 | 17        |       |
| Propionitrile                                                                                        | 52.83  | 10.0 | ug/L  | 50.0        |               | 106  | 32-180      | 9.05 | 21        |       |
| Surrogate: Dibromofluoromethane                                                                      | 52.5   |      | ug/L  | 50.2        |               | 105  | 57-134      |      |           |       |
| Surrogate: 1,2-Dichloroethane-d4                                                                     | 48.9   |      | ug/L  | 50.1        |               | 97.6 | 53-140      |      |           |       |
| Surrogate: Toluene-d8                                                                                | 49.4   |      | ug/L  | 50.4        |               | 98.1 | 86-114      |      |           |       |
| Surrogate: 4-Bromofluorobenzene                                                                      | 48.6   |      | ug/L  | 50.1        |               | 97.0 | 78-121      |      |           |       |
| Matrix Spike (1IC1200-MS1) Source: 1IC0851-21 Prepared: 03/24/25 00:00 Analyzed: 03/25/25 09:18      |        |      |       |             |               |      |             |      |           |       |
| Allyl chloride                                                                                       | 513.7  | 10.0 | ug/L  | 500         | ND            | 103  | 60-140      |      |           |       |
| Chloroprene                                                                                          | 448.8  | 10.0 | ug/L  | 500         | ND            | 89.8 | 62-121      |      |           |       |
| Methacrylonitrile                                                                                    | 534.2  | 10.0 | ug/L  | 500         | ND            | 107  | 60-140      |      |           |       |
| Methyl Methacrylate                                                                                  | 491.7  | 10.0 | ug/L  | 500         | ND            | 98.3 | 60-140      |      |           |       |
| Propionitrile                                                                                        | 552.8  | 100  | ug/L  | 500         | ND            | 111  | 60-140      |      |           |       |
| Surrogate: Dibromofluoromethane                                                                      | 521    |      | ug/L  | 502         |               | 104  | 57-134      |      |           |       |
| Surrogate: 1,2-Dichloroethane-d4                                                                     | 510    |      | ug/L  | 501         |               | 102  | 53-140      |      |           |       |
| Surrogate: Toluene-d8                                                                                | 495    |      | ug/L  | 504         |               | 98.3 | 86-114      |      |           |       |
| Surrogate: 4-Bromofluorobenzene                                                                      | 492    |      | ug/L  | 501         |               | 98.2 | 78-121      |      |           |       |
| Matrix Spike Dup (1IC1200-MSD1) Source: 1IC0851-21 Prepared: 03/24/25 00:00 Analyzed: 03/25/25 10:47 |        |      |       |             |               |      |             |      |           |       |

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| Determination of Volatile Organic Compounds | Result             | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD   | RPD Limit | Notes |
|---------------------------------------------|--------------------|------|-------|---------------------------------------------------|---------------|------|-------------|-------|-----------|-------|
| Batch 1IC1200 - EPA 5030B - EPA 8260D       |                    |      |       |                                                   |               |      |             |       |           |       |
| Matrix Spike Dup (1IC1200-MSD1)             | Source: 1IC0851-21 |      |       | Prepared: 03/24/25 00:00 Analyzed: 03/25/25 10:47 |               |      |             |       |           |       |
| Allyl chloride                              | 551.3              | 10.0 | ug/L  | 500                                               | ND            | 110  | 60-140      | 7.06  | 30        |       |
| Chloroprene                                 | 521.9              | 10.0 | ug/L  | 500                                               | ND            | 104  | 62-121      | 15.1  | 30        |       |
| Methacrylonitrile                           | 469.7              | 10.0 | ug/L  | 500                                               | ND            | 93.9 | 60-140      | 12.8  | 30        |       |
| Methyl Methacrylate                         | 496.6              | 10.0 | ug/L  | 500                                               | ND            | 99.3 | 60-140      | 0.992 | 30        |       |
| Propionitrile                               | 520.9              | 100  | ug/L  | 500                                               | ND            | 104  | 60-140      | 5.94  | 30        |       |

|                                  |     |  |      |     |  |      |        |
|----------------------------------|-----|--|------|-----|--|------|--------|
| Surrogate: Dibromofluoromethane  | 536 |  | ug/L | 502 |  | 107  | 57-134 |
| Surrogate: 1,2-Dichloroethane-d4 | 508 |  | ug/L | 501 |  | 102  | 53-140 |
| Surrogate: Toluene-d8            | 500 |  | ug/L | 504 |  | 99.3 | 86-114 |
| Surrogate: 4-Bromofluorobenzene  | 508 |  | ug/L | 501 |  | 101  | 78-121 |

Batch 1IC1203 - EPA 5030B - EPA 8260D

|                            |                                                   |      |      |  |  |  |  |  |  |  |
|----------------------------|---------------------------------------------------|------|------|--|--|--|--|--|--|--|
| Blank (1IC1203-BLK1)       | Prepared: 03/24/25 00:00 Analyzed: 03/24/25 16:06 |      |      |  |  |  |  |  |  |  |
| Dichlorodifluoromethane    | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| Chloromethane              | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| Vinyl Chloride             | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| Bromomethane               | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| Chloroethane               | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| Trichlorofluoromethane     | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| 1,1-Dichloroethylene       | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| Acetone                    | <10.0                                             | 10.0 | ug/L |  |  |  |  |  |  |  |
| Methyl Iodide              | <2.0                                              | 2.0  | ug/L |  |  |  |  |  |  |  |
| Carbon Disulfide           | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| Acetonitrile               | <10.0                                             | 10.0 | ug/L |  |  |  |  |  |  |  |
| Methylene Chloride         | <5.0                                              | 5.0  | ug/L |  |  |  |  |  |  |  |
| trans-1,2-Dichloroethylene | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| 1,1-Dichloroethane         | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| Vinyl Acetate              | <5.0                                              | 5.0  | ug/L |  |  |  |  |  |  |  |
| 2,2-Dichloropropane        | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| cis-1,2-Dichloroethylene   | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| 2-Butanone (MEK)           | <5.0                                              | 5.0  | ug/L |  |  |  |  |  |  |  |
| Bromochloromethane         | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| Chloroform                 | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| 1,1,1-Trichloroethane      | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| 1,1-Dichloropropene        | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| Carbon Tetrachloride       | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| Benzene                    | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| 1,2-Dichloroethane         | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| Trichloroethylene          | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| 1,2-Dichloropropane        | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| Dibromomethane             | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| Bromodichloromethane       | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |
| cis-1,3-Dichloropropene    | <1.0                                              | 1.0  | ug/L |  |  |  |  |  |  |  |

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| Determination of Volatile Organic Compounds       | Result | RL   | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------------|--------|------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1IC1203 - EPA 5030B - EPA 8260D             |        |      |       |             |               |      |             |     |           |       |
| Blank (1IC1203-BLK1)                              |        |      |       |             |               |      |             |     |           |       |
| Prepared: 03/24/25 00:00 Analyzed: 03/24/25 16:06 |        |      |       |             |               |      |             |     |           |       |
| 4-Methyl-2-pentanone (MIBK)                       | <5.0   | 5.0  | ug/L  |             |               |      |             |     |           |       |
| Toluene                                           | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| trans-1,3-Dichloropropene                         | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| Ethyl Methacrylate                                | <10.0  | 10.0 | ug/L  |             |               |      |             |     |           |       |
| 1,1,2-Trichloroethane                             | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| Tetrachloroethylene                               | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| 1,3-Dichloropropane                               | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| 2-Hexanone (MBK)                                  | <5.0   | 5.0  | ug/L  |             |               |      |             |     |           |       |
| Dibromochloromethane                              | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| 1,2-Dibromoethane                                 | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| Chlorobenzene                                     | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| 1,1,1,2-Tetrachloroethane                         | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| Ethylbenzene                                      | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| Xylenes, total                                    | <2.0   | 2.0  | ug/L  |             |               |      |             |     |           |       |
| Styrene                                           | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| Bromoform                                         | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| 1,2,3-Trichloropropane                            | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| trans-1,4-Dichloro-2-butene                       | <5.0   | 5.0  | ug/L  |             |               |      |             |     |           |       |
| 1,1,2,2-Tetrachloroethane                         | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| 1,3-Dichlorobenzene                               | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| 1,4-Dichlorobenzene                               | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| 1,2-Dichlorobenzene                               | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| 1,2-Dibromo-3-chloropropane                       | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| 1,2,4-Trichlorobenzene                            | <1.0   | 1.0  | ug/L  |             |               |      |             |     |           |       |
| Surrogate: Dibromofluoromethane                   | 43.5   |      | ug/L  | 50.2        |               | 86.7 | 57-134      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4                  | 39.8   |      | ug/L  | 50.1        |               | 79.4 | 53-140      |     |           |       |
| Surrogate: Toluene-d8                             | 46.3   |      | ug/L  | 50.4        |               | 92.0 | 86-114      |     |           |       |
| Surrogate: 4-Bromofluorobenzene                   | 46.4   |      | ug/L  | 50.1        |               | 92.6 | 78-121      |     |           |       |
| LCS (1IC1203-BS1)                                 |        |      |       |             |               |      |             |     |           |       |
| Prepared: 03/24/25 00:00 Analyzed: 03/24/25 14:59 |        |      |       |             |               |      |             |     |           |       |
| Dichlorodifluoromethane                           | 27.87  | 1.0  | ug/L  | 30.3        |               | 92.0 | 49-138      |     |           |       |
| Chloromethane                                     | 30.38  | 1.0  | ug/L  | 30.3        |               | 100  | 60-141      |     |           |       |
| Vinyl Chloride                                    | 30.53  | 1.0  | ug/L  | 30.2        |               | 101  | 65-137      |     |           |       |
| Bromomethane                                      | 27.30  | 1.0  | ug/L  | 30.1        |               | 90.6 | 47-173      |     |           |       |
| Chloroethane                                      | 30.30  | 1.0  | ug/L  | 30.3        |               | 99.9 | 67-145      |     |           |       |
| Trichlorofluoromethane                            | 30.99  | 1.0  | ug/L  | 30.3        |               | 102  | 63-127      |     |           |       |
| 1,1-Dichloroethylene                              | 51.26  | 1.0  | ug/L  | 50.1        |               | 102  | 69-136      |     |           |       |
| Acetone                                           | 70.30  | 10.0 | ug/L  | 100         |               | 70.3 | 45-153      |     |           |       |
| Methyl Iodide                                     | 113.8  | 2.0  | ug/L  | 100         |               | 114  | 58-156      |     |           |       |
| Carbon Disulfide                                  | 99.66  | 1.0  | ug/L  | 100         |               | 99.7 | 68-128      |     |           |       |
| Acetonitrile                                      | 71.59  | 10.0 | ug/L  | 100         |               | 71.6 | 35-177      |     |           |       |
| Methylene Chloride                                | 45.56  | 5.0  | ug/L  | 50.1        |               | 90.9 | 65-124      |     |           |       |
| trans-1,2-Dichloroethylene                        | 52.77  | 1.0  | ug/L  | 50.1        |               | 105  | 74-126      |     |           |       |

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1IC0851

| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1IC1203 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |               |      |             |     |           |       |
| LCS (1IC1203-BS1)                           |        |      |       | Prepared: 03/24/25 00:00 Analyzed: 03/24/25 14:59 |               |      |             |     |           |       |
| 1,1-Dichloroethane                          | 49.90  | 1.0  | ug/L  | 50.1                                              |               | 99.6 | 73-122      |     |           |       |
| Vinyl Acetate                               | 138.5  | 5.0  | ug/L  | 140                                               |               | 98.9 | 24-171      |     |           |       |
| 2,2-Dichloropropane                         | 50.65  | 1.0  | ug/L  | 50.3                                              |               | 101  | 68-120      |     |           |       |
| cis-1,2-Dichloroethylene                    | 49.50  | 1.0  | ug/L  | 50.4                                              |               | 98.3 | 65-149      |     |           |       |
| 2-Butanone (MEK)                            | 66.11  | 5.0  | ug/L  | 100                                               |               | 66.1 | 57-147      |     |           |       |
| Bromochloromethane                          | 43.38  | 1.0  | ug/L  | 50.4                                              |               | 86.1 | 76-125      |     |           |       |
| Chloroform                                  | 45.63  | 1.0  | ug/L  | 50.1                                              |               | 91.1 | 71-125      |     |           |       |
| 1,1,1-Trichloroethane                       | 52.99  | 1.0  | ug/L  | 50.1                                              |               | 106  | 66-118      |     |           |       |
| 1,1-Dichloropropene                         | 51.60  | 1.0  | ug/L  | 50.5                                              |               | 102  | 69-130      |     |           |       |
| Carbon Tetrachloride                        | 51.69  | 1.0  | ug/L  | 50.1                                              |               | 103  | 68-126      |     |           |       |
| Benzene                                     | 50.69  | 1.0  | ug/L  | 50.4                                              |               | 101  | 81-123      |     |           |       |
| 1,2-Dichloroethane                          | 43.74  | 1.0  | ug/L  | 50.1                                              |               | 87.3 | 70-130      |     |           |       |
| Trichloroethylene                           | 52.91  | 1.0  | ug/L  | 50.1                                              |               | 106  | 84-118      |     |           |       |
| 1,2-Dichloropropane                         | 49.29  | 1.0  | ug/L  | 50.1                                              |               | 98.4 | 87-118      |     |           |       |
| Dibromomethane                              | 39.24  | 1.0  | ug/L  | 50.4                                              |               | 77.9 | 82-126      |     |           | Q3    |
| Bromodichloromethane                        | 48.65  | 1.0  | ug/L  | 50.1                                              |               | 97.1 | 80-116      |     |           |       |
| cis-1,3-Dichloropropene                     | 40.07  | 1.0  | ug/L  | 50.1                                              |               | 80.0 | 83-116      |     |           | Q3    |
| 4-Methyl-2-pentanone (MIBK)                 | 61.45  | 5.0  | ug/L  | 100                                               |               | 61.4 | 74-138      |     |           | Q3    |
| Toluene                                     | 52.29  | 1.0  | ug/L  | 50.5                                              |               | 104  | 78-123      |     |           |       |
| trans-1,3-Dichloropropene                   | 37.87  | 1.0  | ug/L  | 50.1                                              |               | 75.6 | 75-120      |     |           |       |
| Ethyl Methacrylate                          | 66.27  | 10.0 | ug/L  | 100                                               |               | 66.3 | 77-129      |     |           | Q3    |
| 1,1,2-Trichloroethane                       | 38.95  | 1.0  | ug/L  | 50.1                                              |               | 77.8 | 81-121      |     |           | Q3    |
| Tetrachloroethylene                         | 55.68  | 1.0  | ug/L  | 50.1                                              |               | 111  | 76-120      |     |           |       |
| 1,3-Dichloropropane                         | 45.73  | 1.0  | ug/L  | 50.4                                              |               | 90.7 | 86-131      |     |           |       |
| 2-Hexanone (MBK)                            | 62.02  | 5.0  | ug/L  | 100                                               |               | 62.0 | 76-139      |     |           | Q3    |
| Dibromochloromethane                        | 46.25  | 1.0  | ug/L  | 50.1                                              |               | 92.4 | 83-123      |     |           |       |
| 1,2-Dibromoethane                           | 40.76  | 1.0  | ug/L  | 50.2                                              |               | 81.2 | 86-115      |     |           | Q3    |
| Chlorobenzene                               | 52.07  | 1.0  | ug/L  | 50.1                                              |               | 104  | 82-117      |     |           |       |
| 1,1,1,2-Tetrachloroethane                   | 49.46  | 1.0  | ug/L  | 50.3                                              |               | 98.2 | 86-119      |     |           |       |
| Ethylbenzene                                | 57.87  | 1.0  | ug/L  | 50.2                                              |               | 115  | 80-122      |     |           |       |
| Xylenes, total                              | 175.8  | 2.0  | ug/L  | 151                                               |               | 116  | 81-122      |     |           |       |
| Styrene                                     | 49.26  | 1.0  | ug/L  | 50.4                                              |               | 97.8 | 85-118      |     |           |       |
| Bromoform                                   | 42.45  | 1.0  | ug/L  | 50.1                                              |               | 84.7 | 80-123      |     |           |       |
| 1,2,3-Trichloropropane                      | 40.04  | 1.0  | ug/L  | 50.3                                              |               | 79.5 | 83-126      |     |           | Q3    |
| trans-1,4-Dichloro-2-butene                 | 67.53  | 5.0  | ug/L  | 100                                               |               | 67.5 | 67-118      |     |           |       |
| 1,1,2,2-Tetrachloroethane                   | 37.50  | 1.0  | ug/L  | 50.1                                              |               | 74.8 | 81-124      |     |           | Q3    |
| 1,3-Dichlorobenzene                         | 54.03  | 1.0  | ug/L  | 50.1                                              |               | 108  | 83-114      |     |           |       |
| 1,4-Dichlorobenzene                         | 49.71  | 1.0  | ug/L  | 50.1                                              |               | 99.2 | 83-117      |     |           |       |
| 1,2-Dichlorobenzene                         | 48.33  | 1.0  | ug/L  | 50.1                                              |               | 96.5 | 83-116      |     |           |       |
| 1,2-Dibromo-3-chloropropane                 | 28.56  | 1.0  | ug/L  | 50.1                                              |               | 57.0 | 77-128      |     |           | Q3    |
| 1,2,4-Trichlorobenzene                      | 38.27  | 1.0  | ug/L  | 50.4                                              |               | 76.0 | 66-134      |     |           |       |
| Surrogate: Dibromofluoromethane             | 47.3   |      | ug/L  | 50.2                                              |               | 94.2 | 57-134      |     |           |       |

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| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------|------|-------------|------|-----------|-------|
| Batch 11C1203 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |               |      |             |      |           |       |
| LCS (11C1203-BS1)                           |        |      |       | Prepared: 03/24/25 00:00 Analyzed: 03/24/25 14:59 |               |      |             |      |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 41.7   |      | ug/L  | 50.1                                              |               | 83.3 | 53-140      |      |           |       |
| Surrogate: Toluene-d8                       | 49.4   |      | ug/L  | 50.4                                              |               | 98.0 | 86-114      |      |           |       |
| Surrogate: 4-Bromofluorobenzene             | 49.2   |      | ug/L  | 50.1                                              |               | 98.1 | 78-121      |      |           |       |
| LCS Dup (11C1203-BSD1)                      |        |      |       | Prepared: 03/24/25 00:00 Analyzed: 03/24/25 15:22 |               |      |             |      |           |       |
| Dichlorodifluoromethane                     | 23.61  | 1.0  | ug/L  | 30.3                                              |               | 78.0 | 49-138      | 16.6 | 22        |       |
| Chloromethane                               | 24.69  | 1.0  | ug/L  | 30.3                                              |               | 81.4 | 60-141      | 20.7 | 30        | R1    |
| Vinyl Chloride                              | 26.81  | 1.0  | ug/L  | 30.2                                              |               | 88.6 | 65-137      | 13.0 | 20        |       |
| Bromomethane                                | 24.59  | 1.0  | ug/L  | 30.1                                              |               | 81.6 | 47-173      | 10.4 | 17        |       |
| Chloroethane                                | 26.51  | 1.0  | ug/L  | 30.3                                              |               | 87.4 | 67-145      | 13.3 | 30        |       |
| Trichlorofluoromethane                      | 26.85  | 1.0  | ug/L  | 30.3                                              |               | 88.6 | 63-127      | 14.3 | 15        |       |
| 1,1-Dichloroethylene                        | 45.25  | 1.0  | ug/L  | 50.1                                              |               | 90.3 | 69-136      | 12.5 | 30        |       |
| Acetone                                     | 91.22  | 10.0 | ug/L  | 100                                               |               | 91.2 | 45-153      | 25.9 | 23        | R1    |
| Methyl Iodide                               | 103.2  | 2.0  | ug/L  | 100                                               |               | 103  | 58-156      | 9.76 | 17        |       |
| Carbon Disulfide                            | 88.80  | 1.0  | ug/L  | 100                                               |               | 88.8 | 68-128      | 11.5 | 30        |       |
| Acetonitrile                                | 88.22  | 10.0 | ug/L  | 100                                               |               | 88.2 | 35-177      | 20.8 | 30        |       |
| Methylene Chloride                          | 44.78  | 5.0  | ug/L  | 50.1                                              |               | 89.4 | 65-124      | 1.73 | 30        |       |
| trans-1,2-Dichloroethylene                  | 47.40  | 1.0  | ug/L  | 50.1                                              |               | 94.6 | 74-126      | 10.7 | 30        |       |
| 1,1-Dichloroethane                          | 46.91  | 1.0  | ug/L  | 50.1                                              |               | 93.6 | 73-122      | 6.18 | 30        |       |
| Vinyl Acetate                               | 156.8  | 5.0  | ug/L  | 140                                               |               | 112  | 24-171      | 12.4 | 30        |       |
| 2,2-Dichloropropane                         | 46.80  | 1.0  | ug/L  | 50.3                                              |               | 93.0 | 68-120      | 7.90 | 14        |       |
| cis-1,2-Dichloroethylene                    | 46.55  | 1.0  | ug/L  | 50.4                                              |               | 92.5 | 65-149      | 6.14 | 30        |       |
| 2-Butanone (MEK)                            | 89.39  | 5.0  | ug/L  | 100                                               |               | 89.4 | 57-147      | 29.9 | 18        | R1    |
| Bromochloromethane                          | 45.77  | 1.0  | ug/L  | 50.4                                              |               | 90.8 | 76-125      | 5.36 | 30        |       |
| Chloroform                                  | 44.78  | 1.0  | ug/L  | 50.1                                              |               | 89.4 | 71-125      | 1.88 | 30        |       |
| 1,1,1-Trichloroethane                       | 48.80  | 1.0  | ug/L  | 50.1                                              |               | 97.4 | 66-118      | 8.23 | 30        |       |
| 1,1-Dichloropropene                         | 48.44  | 1.0  | ug/L  | 50.5                                              |               | 96.0 | 69-130      | 6.32 | 30        |       |
| Carbon Tetrachloride                        | 47.80  | 1.0  | ug/L  | 50.1                                              |               | 95.4 | 68-126      | 7.82 | 13        |       |
| Benzene                                     | 48.24  | 1.0  | ug/L  | 50.4                                              |               | 95.6 | 81-123      | 4.95 | 30        |       |
| 1,2-Dichloroethane                          | 47.91  | 1.0  | ug/L  | 50.1                                              |               | 95.7 | 70-130      | 9.10 | 30        |       |
| Trichloroethylene                           | 49.66  | 1.0  | ug/L  | 50.1                                              |               | 99.1 | 84-118      | 6.34 | 30        |       |
| 1,2-Dichloropropane                         | 50.06  | 1.0  | ug/L  | 50.1                                              |               | 99.9 | 87-118      | 1.55 | 30        |       |
| Dibromomethane                              | 45.03  | 1.0  | ug/L  | 50.4                                              |               | 89.4 | 82-126      | 13.7 | 30        |       |
| Bromodichloromethane                        | 50.19  | 1.0  | ug/L  | 50.1                                              |               | 100  | 80-116      | 3.12 | 30        |       |
| cis-1,3-Dichloropropene                     | 43.60  | 1.0  | ug/L  | 50.1                                              |               | 87.1 | 83-116      | 8.44 | 30        |       |
| 4-Methyl-2-pentanone (MIBK)                 | 81.73  | 5.0  | ug/L  | 100                                               |               | 81.7 | 74-138      | 28.3 | 30        | R1    |
| Toluene                                     | 48.95  | 1.0  | ug/L  | 50.5                                              |               | 97.0 | 78-123      | 6.60 | 30        |       |
| trans-1,3-Dichloropropene                   | 42.18  | 1.0  | ug/L  | 50.1                                              |               | 84.2 | 75-120      | 10.8 | 30        |       |
| Ethyl Methacrylate                          | 84.69  | 10.0 | ug/L  | 100                                               |               | 84.7 | 77-129      | 24.4 | 30        |       |
| 1,1,2-Trichloroethane                       | 45.77  | 1.0  | ug/L  | 50.1                                              |               | 91.4 | 81-121      | 16.1 | 30        |       |
| Tetrachloroethylene                         | 50.19  | 1.0  | ug/L  | 50.1                                              |               | 100  | 76-120      | 10.4 | 30        |       |
| 1,3-Dichloropropane                         | 50.12  | 1.0  | ug/L  | 50.4                                              |               | 99.4 | 86-131      | 9.16 | 30        |       |
| 2-Hexanone (MBK)                            | 80.45  | 5.0  | ug/L  | 100                                               |               | 80.4 | 76-139      | 25.9 | 15        | R1    |

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| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                                          | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|----------------------------------------------------------------------|---------------|------|-------------|------|-----------|-------|
| Batch 1IC1203 - EPA 5030B - EPA 8260D       |        |      |       |                                                                      |               |      |             |      |           |       |
| LCS Dup (1IC1203-BSD1)                      |        |      |       | Prepared: 03/24/25 00:00 Analyzed: 03/24/25 15:22                    |               |      |             |      |           |       |
| Dibromochloromethane                        | 50.44  | 1.0  | ug/L  | 50.1                                                                 |               | 101  | 83-123      | 8.67 | 15        |       |
| 1,2-Dibromoethane                           | 46.01  | 1.0  | ug/L  | 50.2                                                                 |               | 91.6 | 86-115      | 12.1 | 30        |       |
| Chlorobenzene                               | 48.82  | 1.0  | ug/L  | 50.1                                                                 |               | 97.5 | 82-117      | 6.44 | 30        |       |
| 1,1,1,2-Tetrachloroethane                   | 48.78  | 1.0  | ug/L  | 50.3                                                                 |               | 96.9 | 86-119      | 1.38 | 30        |       |
| Ethylbenzene                                | 50.79  | 1.0  | ug/L  | 50.2                                                                 |               | 101  | 80-122      | 13.0 | 30        |       |
| Xylenes, total                              | 156.1  | 2.0  | ug/L  | 151                                                                  |               | 103  | 81-122      | 11.9 | 30        |       |
| Styrene                                     | 46.27  | 1.0  | ug/L  | 50.4                                                                 |               | 91.9 | 85-118      | 6.26 | 30        |       |
| Bromoform                                   | 48.51  | 1.0  | ug/L  | 50.1                                                                 |               | 96.8 | 80-123      | 13.3 | 30        |       |
| 1,2,3-Trichloropropane                      | 47.58  | 1.0  | ug/L  | 50.3                                                                 |               | 94.5 | 83-126      | 17.2 | 30        |       |
| trans-1,4-Dichloro-2-butene                 | 84.98  | 5.0  | ug/L  | 100                                                                  |               | 85.0 | 67-118      | 22.9 | 10        | R1    |
| 1,1,1,2-Tetrachloroethane                   | 45.68  | 1.0  | ug/L  | 50.1                                                                 |               | 91.2 | 81-124      | 19.7 | 30        |       |
| 1,3-Dichlorobenzene                         | 49.05  | 1.0  | ug/L  | 50.1                                                                 |               | 97.9 | 83-114      | 9.66 | 30        |       |
| 1,4-Dichlorobenzene                         | 46.43  | 1.0  | ug/L  | 50.1                                                                 |               | 92.6 | 83-117      | 6.82 | 30        |       |
| 1,2-Dichlorobenzene                         | 50.56  | 1.0  | ug/L  | 50.1                                                                 |               | 101  | 83-116      | 4.51 | 30        |       |
| 1,2-Dibromo-3-chloropropane                 | 40.51  | 1.0  | ug/L  | 50.1                                                                 |               | 80.8 | 77-128      | 34.6 | 30        | R1    |
| 1,2,4-Trichlorobenzene                      | 49.47  | 1.0  | ug/L  | 50.4                                                                 |               | 98.2 | 66-134      | 25.5 | 30        |       |
| Surrogate: Dibromofluoromethane             | 48.9   |      | ug/L  | 50.2                                                                 |               | 97.4 | 57-134      |      |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 47.6   |      | ug/L  | 50.1                                                                 |               | 95.1 | 53-140      |      |           |       |
| Surrogate: Toluene-d8                       | 50.2   |      | ug/L  | 50.4                                                                 |               | 99.6 | 86-114      |      |           |       |
| Surrogate: 4-Bromofluorobenzene             | 50.2   |      | ug/L  | 50.1                                                                 |               | 100  | 78-121      |      |           |       |
| Matrix Spike (1IC1203-MS1)                  |        |      |       | Source: 1IC0851-01 Prepared: 03/24/25 00:00 Analyzed: 03/25/25 02:08 |               |      |             |      |           |       |
| Dichlorodifluoromethane                     | 259.3  | 10.0 | ug/L  | 303                                                                  | ND            | 85.6 | 37-140      |      |           |       |
| Chloromethane                               | 276.7  | 10.0 | ug/L  | 303                                                                  | ND            | 91.3 | 47-147      |      |           |       |
| Vinyl Chloride                              | 280.1  | 10.0 | ug/L  | 302                                                                  | ND            | 92.6 | 55-142      |      |           |       |
| Bromomethane                                | 262.9  | 10.0 | ug/L  | 301                                                                  | ND            | 87.3 | 34-160      |      |           |       |
| Chloroethane                                | 282.3  | 10.0 | ug/L  | 303                                                                  | ND            | 93.1 | 54-154      |      |           |       |
| Trichlorofluoromethane                      | 297.9  | 10.0 | ug/L  | 303                                                                  | ND            | 98.3 | 49-131      |      |           |       |
| 1,1-Dichloroethylene                        | 501.6  | 10.0 | ug/L  | 501                                                                  | ND            | 100  | 57-143      |      |           |       |
| Acetone                                     | 1118   | 100  | ug/L  | 1000                                                                 | ND            | 112  | 27-173      |      |           |       |
| Methyl Iodide                               | 1102   | 20.0 | ug/L  | 1000                                                                 | ND            | 110  | 39-157      |      |           |       |
| Carbon Disulfide                            | 973.6  | 10.0 | ug/L  | 1000                                                                 | ND            | 97.4 | 53-136      |      |           |       |
| Acetonitrile                                | 994.8  | 100  | ug/L  | 1000                                                                 | ND            | 99.5 | 11-189      |      |           |       |
| Methylene Chloride                          | 492.8  | 50.0 | ug/L  | 501                                                                  | ND            | 98.4 | 57-128      |      |           |       |
| trans-1,2-Dichloroethylene                  | 540.3  | 10.0 | ug/L  | 501                                                                  | ND            | 108  | 61-135      |      |           |       |
| 1,1-Dichloroethane                          | 520.6  | 10.0 | ug/L  | 501                                                                  | ND            | 104  | 60-131      |      |           |       |
| Vinyl Acetate                               | 1761   | 50.0 | ug/L  | 1400                                                                 | ND            | 126  | 24-163      |      |           |       |
| 2,2-Dichloropropane                         | 448.5  | 10.0 | ug/L  | 503                                                                  | ND            | 89.1 | 37-112      |      |           |       |
| cis-1,2-Dichloroethylene                    | 520.1  | 10.0 | ug/L  | 504                                                                  | ND            | 103  | 47-162      |      |           |       |
| 2-Butanone (MEK)                            | 1066   | 50.0 | ug/L  | 1000                                                                 | ND            | 107  | 45-156      |      |           |       |
| Bromochloromethane                          | 525.2  | 10.0 | ug/L  | 504                                                                  | ND            | 104  | 55-132      |      |           |       |
| Chloroform                                  | 503.2  | 10.0 | ug/L  | 501                                                                  | ND            | 100  | 45-142      |      |           |       |
| 1,1,1-Trichloroethane                       | 558.7  | 10.0 | ug/L  | 501                                                                  | ND            | 111  | 52-128      |      |           |       |

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| Determination of Volatile Organic Compounds | Result             | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------------------|------|-------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1IC1203 - EPA 5030B - EPA 8260D       |                    |      |       |                                                   |               |      |             |     |           |       |
| Matrix Spike (1IC1203-MS1)                  | Source: 1IC0851-01 |      |       | Prepared: 03/24/25 00:00 Analyzed: 03/25/25 02:08 |               |      |             |     |           |       |
| 1,1-Dichloropropene                         | 526.5              | 10.0 | ug/L  | 505                                               | ND            | 104  | 49-138      |     |           |       |
| Carbon Tetrachloride                        | 549.5              | 10.0 | ug/L  | 501                                               | ND            | 110  | 56-132      |     |           |       |
| Benzene                                     | 517.9              | 10.0 | ug/L  | 504                                               | ND            | 103  | 77-124      |     |           |       |
| 1,2-Dichloroethane                          | 538.6              | 10.0 | ug/L  | 501                                               | ND            | 108  | 67-130      |     |           |       |
| Trichloroethylene                           | 533.3              | 10.0 | ug/L  | 501                                               | ND            | 106  | 75-123      |     |           |       |
| 1,2-Dichloropropane                         | 541.7              | 10.0 | ug/L  | 501                                               | ND            | 108  | 75-126      |     |           |       |
| Dibromomethane                              | 493.3              | 10.0 | ug/L  | 504                                               | ND            | 97.9 | 72-131      |     |           |       |
| Bromodichloromethane                        | 561.2              | 10.0 | ug/L  | 501                                               | ND            | 112  | 70-123      |     |           |       |
| cis-1,3-Dichloropropene                     | 427.1              | 10.0 | ug/L  | 501                                               | ND            | 85.3 | 68-119      |     |           |       |
| 4-Methyl-2-pentanone (MIBK)                 | 930.8              | 50.0 | ug/L  | 1000                                              | ND            | 93.1 | 57-153      |     |           |       |
| Toluene                                     | 520.4              | 10.0 | ug/L  | 505                                               | ND            | 103  | 63-131      |     |           |       |
| trans-1,3-Dichloropropene                   | 453.6              | 10.0 | ug/L  | 501                                               | ND            | 90.6 | 65-121      |     |           |       |
| Ethyl Methacrylate                          | 933.8              | 100  | ug/L  | 1000                                              | ND            | 93.4 | 62-137      |     |           |       |
| 1,1,2-Trichloroethane                       | 514.7              | 10.0 | ug/L  | 501                                               | ND            | 103  | 76-124      |     |           |       |
| Tetrachloroethylene                         | 514.4              | 10.0 | ug/L  | 501                                               | ND            | 103  | 77-117      |     |           |       |
| 1,3-Dichloropropane                         | 557.0              | 10.0 | ug/L  | 504                                               | ND            | 110  | 81-132      |     |           |       |
| 2-Hexanone (MBK)                            | 809.8              | 50.0 | ug/L  | 1000                                              | ND            | 81.0 | 63-152      |     |           |       |
| Dibromochloromethane                        | 540.1              | 10.0 | ug/L  | 501                                               | ND            | 108  | 77-124      |     |           |       |
| 1,2-Dibromoethane                           | 494.9              | 10.0 | ug/L  | 502                                               | ND            | 98.5 | 82-117      |     |           |       |
| Chlorobenzene                               | 497.6              | 10.0 | ug/L  | 501                                               | ND            | 99.4 | 82-114      |     |           |       |
| 1,1,1,2-Tetrachloroethane                   | 519.5              | 10.0 | ug/L  | 503                                               | ND            | 103  | 82-118      |     |           |       |
| Ethylbenzene                                | 538.9              | 10.0 | ug/L  | 502                                               | ND            | 107  | 80-119      |     |           |       |
| Xylenes, total                              | 1632               | 20.0 | ug/L  | 1510                                              | ND            | 108  | 81-119      |     |           |       |
| Styrene                                     | 490.7              | 10.0 | ug/L  | 504                                               | ND            | 97.4 | 81-119      |     |           |       |
| Bromoform                                   | 521.4              | 10.0 | ug/L  | 501                                               | ND            | 104  | 74-122      |     |           |       |
| 1,2,3-Trichloropropane                      | 533.8              | 10.0 | ug/L  | 503                                               | ND            | 106  | 72-138      |     |           |       |
| trans-1,4-Dichloro-2-butene                 | 879.3              | 50.0 | ug/L  | 1000                                              | ND            | 87.9 | 56-116      |     |           |       |
| 1,1,2,2-Tetrachloroethane                   | 487.2              | 10.0 | ug/L  | 501                                               | ND            | 97.2 | 78-126      |     |           |       |
| 1,3-Dichlorobenzene                         | 501.2              | 10.0 | ug/L  | 501                                               | ND            | 100  | 81-113      |     |           |       |
| 1,4-Dichlorobenzene                         | 487.9              | 10.0 | ug/L  | 501                                               | ND            | 97.3 | 81-116      |     |           |       |
| 1,2-Dichlorobenzene                         | 541.0              | 10.0 | ug/L  | 501                                               | ND            | 108  | 81-116      |     |           |       |
| 1,2-Dibromo-3-chloropropane                 | 444.4              | 10.0 | ug/L  | 501                                               | ND            | 88.7 | 63-138      |     |           |       |
| 1,2,4-Trichlorobenzene                      | 506.3              | 10.0 | ug/L  | 504                                               | ND            | 101  | 65-132      |     |           |       |
| Surrogate: Dibromofluoromethane             | 530                |      | ug/L  | 502                                               |               | 106  | 57-134      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 545                |      | ug/L  | 501                                               |               | 109  | 53-140      |     |           |       |
| Surrogate: Toluene-d8                       | 510                |      | ug/L  | 504                                               |               | 101  | 86-114      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 509                |      | ug/L  | 501                                               |               | 102  | 78-121      |     |           |       |
| Determination of General Solvents           | Result             | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
| Batch 1IC1088 - Semi-Vol GC - EPA 8015C     |                    |      |       |                                                   |               |      |             |     |           |       |



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| Determination of General Solvents       | Result                                            | RL                                                | Units | Spike Level | Source Result | %REC | %REC Limits | RPD   | RPD Limit | Notes |
|-----------------------------------------|---------------------------------------------------|---------------------------------------------------|-------|-------------|---------------|------|-------------|-------|-----------|-------|
| Batch 1IC1088 - Semi-Vol GC - EPA 8015C |                                                   |                                                   |       |             |               |      |             |       |           |       |
| Blank (1IC1088-BLK1)                    | Prepared: 03/21/25 11:47 Analyzed: 03/22/25 23:21 |                                                   |       |             |               |      |             |       |           |       |
| Isobutanol                              | <1.0                                              | 1.0                                               | mg/L  |             |               |      |             |       |           |       |
| Blank (1IC1088-BLK2)                    | Prepared: 03/21/25 11:47 Analyzed: 03/23/25 11:24 |                                                   |       |             |               |      |             |       |           |       |
| Isobutanol                              | <1.0                                              | 1.0                                               | mg/L  |             |               |      |             |       |           |       |
| LCS (1IC1088-BS1)                       | Prepared: 03/21/25 11:47 Analyzed: 03/22/25 19:32 |                                                   |       |             |               |      |             |       |           |       |
| Isobutanol                              | 24.07                                             | 1.0                                               | mg/L  | 24.0        |               | 100  | 77-128      |       |           |       |
| Matrix Spike (1IC1088-MS1)              | Source: 1IC0851-01                                | Prepared: 03/21/25 11:47 Analyzed: 03/23/25 06:20 |       |             |               |      |             |       |           |       |
| Isobutanol                              | 25.21                                             | 1.0                                               | mg/L  | 24.0        | ND            | 105  | 63-135      |       |           |       |
| Matrix Spike Dup (1IC1088-MSD1)         | Source: 1IC0851-01                                | Prepared: 03/21/25 11:47 Analyzed: 03/23/25 06:58 |       |             |               |      |             |       |           |       |
| Isobutanol                              | 25.27                                             | 1.0                                               | mg/L  | 24.0        | ND            | 105  | 63-135      | 0.238 | 30        |       |

| Determination of Base/Neutral/Acid Extractable Compounds | Result                                            | RL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------------------------------|---------------------------------------------------|----|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1IC0958 - 3520C BNA Cont Liq - EPA 8270C           |                                                   |    |       |             |               |      |             |     |           |       |
| Blank (1IC0958-BLK1)                                     | Prepared: 03/19/25 13:49 Analyzed: 03/24/25 18:16 |    |       |             |               |      |             |     |           |       |
| N-Nitrosodimethylamine                                   | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| Methyl Methanesulfonate                                  | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| N-Nitrosodiethylamine                                    | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| N-Nitrosomethylethylamine                                | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| Ethyl Methanesulfonate                                   | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| Phenol                                                   | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| Bis(2-Chloroethyl) Ether                                 | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| 2-Chlorophenol                                           | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| Benzyl Alcohol                                           | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| 2-Methylphenol (o-Cresol)                                | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| Bis[2-Chloroisopropyl]ether                              | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| n-Nitroso-di-n-propylamine                               | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| N-Nitrosopyrrolidine                                     | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| Acetophenone                                             | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| o-Toluidine                                              | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| (3 & 4)-Methylphenol                                     | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| Hexachloroethane                                         | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| Nitrobenzene                                             | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| N-Nitrosopiperidine                                      | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| Isophorone                                               | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| 2-Nitrophenol                                            | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| 2,4-Dimethylphenol                                       | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| Bis (2-Chloroethoxy) Methane                             | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| 2,4-Dichlorophenol                                       | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| Naphthalene                                              | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |
| 4-Chloroaniline                                          | <8                                                | 8  | ug/L  |             |               |      |             |     |           |       |

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| Determination of<br>Base/Neutral/Acid<br>Extractable Compounds | Result | RL | Units | Spike<br>Level                                    | Source<br>Result | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|----------------------------------------------------------------|--------|----|-------|---------------------------------------------------|------------------|----------------|-----|--------------|-------|
| Batch 1IC0958 - 3520C BNA Cont Liq - EPA 8270C                 |        |    |       |                                                   |                  |                |     |              |       |
| Blank (1IC0958-BLK1)                                           |        |    |       | Prepared: 03/19/25 13:49 Analyzed: 03/24/25 18:16 |                  |                |     |              |       |
| 2,6-Dichlorophenol                                             | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Hexachloropropene                                              | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Hexachlorobutadiene                                            | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| N-Nitrosodi-n-butylamine                                       | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 1,4-Phenylenediamine                                           | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 4-Chloro-3-methylphenol                                        | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 2-Methylnaphthalene                                            | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Isosafrole                                                     | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 1,2,4,5-Tetrachlorobenzene                                     | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Hexachlorocyclopentadiene                                      | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 2,4,6-Trichlorophenol                                          | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 2,4,5-Trichlorophenol                                          | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Safrole                                                        | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 2-Chloronaphthalene                                            | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 2-Nitroaniline                                                 | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 1,4-Naphthoquinone                                             | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Dimethylphthalate                                              | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 1,3-Dinitrobenzene                                             | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 1,2-Dinitrobenzene                                             | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 2,6-Dinitrotoluene                                             | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Acenaphthylene                                                 | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 3-Nitroaniline                                                 | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Acenaphthene                                                   | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 2,4-Dinitrophenol                                              | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 4-Nitrophenol                                                  | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Dibenzofuran                                                   | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 2,4-Dinitrotoluene                                             | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 2,3,4,6-Tetrachlorophenol                                      | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Pentachlorobenzene                                             | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 1-Naphthylamine                                                | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 2-Naphthylamine                                                | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Diethyl Phthalate                                              | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Fluorene                                                       | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 4-Chlorophenyl Phenyl Ether                                    | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 4-Nitroaniline                                                 | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 5-Nitro-o-toluidine                                            | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 4,6-Dinitro-2-methylphenol                                     | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| N-Nitrosodiphenylamine                                         | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Diphenylamine                                                  | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Azobenzene                                                     | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| Diallylate                                                     | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |
| 1,3,5-Trinitrobenzene                                          | <8     | 8  | ug/L  |                                                   |                  |                |     |              |       |

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| Determination of<br>Base/Neutral/Acid<br>Extractable Compounds | Result | RL | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|----------------------------------------------------------------|--------|----|-------|----------------|------------------|----------------|-----|--------------|-------|
| Batch 11C0958 - 3520C BNA Cont Liq - EPA 8270C                 |        |    |       |                |                  |                |     |              |       |
| Blank (11C0958-BLK1)                                           |        |    |       |                |                  |                |     |              |       |
| Prepared: 03/19/25 13:49 Analyzed: 03/24/25 18:16              |        |    |       |                |                  |                |     |              |       |
| Phenacetin                                                     | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| 4-Bromophenyl Phenyl Ether                                     | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| 4-Aminobiphenyl                                                | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Pentachlorophenol                                              | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Pronamide                                                      | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Pentachloronitrobenzene (PCNB)                                 | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Phenanthrene                                                   | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Anthracene                                                     | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Di-n-butyl Phthalate                                           | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Methapyrilene                                                  | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Fluoranthene                                                   | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Isodrin                                                        | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Chlorobenzilate                                                | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Pyrene                                                         | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| p-(Dimethylamino)azobenzene                                    | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| 3,3-Dimethylbenzidine                                          | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Butyl Benzyl Phthalate                                         | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Benzo(a)anthracene                                             | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Chrysene                                                       | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Bis(2-Ethylhexyl) Phthalate                                    | <6     | 6  | ug/L  |                |                  |                |     |              |       |
| Kepone                                                         | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| 3,3'-Dichlorobenzidine                                         | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| 2-Acetylaminofluorene                                          | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Di-n-octyl Phthalate                                           | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Benzo(b)Fluoranthene                                           | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| 7,12-Dimethylbenz [a] anthracene                               | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Benzo(k)Fluoranthene                                           | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Benzo(a)Pyrene                                                 | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| 3-Methylcholanthrene                                           | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Dibenzo(a,h)anthracene                                         | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Indeno(1,2,3-cd)Pyrene                                         | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Benzo(g,h,i)perylene                                           | <8     | 8  | ug/L  |                |                  |                |     |              |       |
| Surrogate: 2-Fluorophenol                                      | 13.1   |    | ug/L  | 20.6           |                  | 63.7           |     | 10-149       |       |
| Surrogate: Phenol-d6                                           | 13.6   |    | ug/L  | 19.6           |                  | 69.2           |     | 10-143       |       |
| Surrogate: Nitrobenzene-d5                                     | 14.8   |    | ug/L  | 20.6           |                  | 71.8           |     | 20-149       |       |
| Surrogate: 2-Fluorobiphenyl                                    | 14.3   |    | ug/L  | 19.5           |                  | 73.4           |     | 11-146       |       |
| Surrogate: 2,4,6-Tribromophenol                                | 16.6   |    | ug/L  | 20.0           |                  | 82.8           |     | 10-153       |       |
| Surrogate: Terphenyl-d14                                       | 18.5   |    | ug/L  | 20.6           |                  | 89.9           |     | 27-155       |       |
| Prepared: 03/19/25 13:49 Analyzed: 03/24/25 18:41              |        |    |       |                |                  |                |     |              |       |
| LCS (11C0958-BS1)                                              |        |    |       |                |                  |                |     |              |       |
| N-Nitrosodimethylamine                                         | <8     | 8  | ug/L  | 10.0           |                  | 74.2           |     | 22-124       |       |
| Methyl Methanesulfonate                                        | <8     | 8  | ug/L  | 10.0           |                  | 71.7           |     | 25-115       |       |
| N-Nitrosodiethylamine                                          | 8.1    | 8  | ug/L  | 10.0           |                  | 81.0           |     | 19-133       |       |

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1IC0851

| Determination of<br>Base/Neutral/Acid<br>Extractable Compounds | Result | RL | Units | Spike<br>Level                                    | Source<br>Result | %REC<br>Limits | RPD    | RPD<br>Limit | Notes |
|----------------------------------------------------------------|--------|----|-------|---------------------------------------------------|------------------|----------------|--------|--------------|-------|
| Batch 1IC0958 - 3520C BNA Cont Liq - EPA 8270C                 |        |    |       |                                                   |                  |                |        |              |       |
| LCS (1IC0958-BS1)                                              |        |    |       | Prepared: 03/19/25 13:49 Analyzed: 03/24/25 18:41 |                  |                |        |              |       |
| N-Nitrosomethylethylamine                                      | <8     | 8  | ug/L  | 10.0                                              |                  | 72.7           | 10-149 |              |       |
| Ethyl Methanesulfonate                                         | <8     | 8  | ug/L  | 10.0                                              |                  | 74.8           | 29-118 |              |       |
| Phenol                                                         | <8     | 8  | ug/L  | 10.0                                              |                  | 63.1           | 19-130 |              |       |
| Bis(2-Chloroethyl) Ether                                       | <8     | 8  | ug/L  | 10.0                                              |                  | 72.0           | 23-131 |              |       |
| 2-Chlorophenol                                                 | <8     | 8  | ug/L  | 10.0                                              |                  | 62.9           | 20-159 |              |       |
| Benzyl Alcohol                                                 | <8     | 8  | ug/L  | 10.0                                              |                  | 34.0           | 17-138 |              |       |
| 2-Methylphenol (o-Cresol)                                      | <8     | 8  | ug/L  | 10.0                                              |                  | 68.3           | 29-130 |              |       |
| Bis[2-Chloroisopropyl]ether                                    | <8     | 8  | ug/L  | 10.0                                              |                  | 78.1           | 29-121 |              |       |
| n-Nitroso-di-n-propylamine                                     | 8.5    | 8  | ug/L  | 10.0                                              |                  | 84.8           | 33-130 |              |       |
| N-Nitrosopyrrolidine                                           | <8     | 8  | ug/L  | 10.0                                              |                  | 70.4           | 24-135 |              |       |
| Acetophenone                                                   | 8.0    | 8  | ug/L  | 10.0                                              |                  | 79.6           | 35-129 |              |       |
| o-Toluidine                                                    | <8     | 8  | ug/L  | 10.0                                              |                  | 63.3           | 10-119 |              |       |
| (3 & 4)-Methylphenol                                           | <8     | 8  | ug/L  | 10.0                                              |                  | 67.8           | 27-136 |              |       |
| Hexachloroethane                                               | <8     | 8  | ug/L  | 10.0                                              |                  | 68.2           | 18-88  |              |       |
| Nitrobenzene                                                   | <8     | 8  | ug/L  | 10.0                                              |                  | 78.0           | 32-133 |              |       |
| N-Nitrosopiperidine                                            | 8.1    | 8  | ug/L  | 10.0                                              |                  | 81.3           | 24-134 |              |       |
| Isophorone                                                     | 8.3    | 8  | ug/L  | 10.0                                              |                  | 83.2           | 37-131 |              |       |
| 2-Nitrophenol                                                  | <8     | 8  | ug/L  | 10.0                                              |                  | 64.1           | 41-127 |              |       |
| 2,4-Dimethylphenol                                             | <8     | 8  | ug/L  | 10.0                                              |                  | 73.9           | 34-133 |              |       |
| Bis (2-Chloroethoxy) Methane                                   | <8     | 8  | ug/L  | 10.0                                              |                  | 50.0           | 29-117 |              |       |
| 2,4-Dichlorophenol                                             | <8     | 8  | ug/L  | 10.0                                              |                  | 64.8           | 41-134 |              |       |
| Naphthalene                                                    | <8     | 8  | ug/L  | 10.0                                              |                  | 73.4           | 31-107 |              |       |
| 2,6-Dichlorophenol                                             | <8     | 8  | ug/L  | 10.0                                              |                  | 65.0           | 21-151 |              |       |
| Hexachloropropene                                              | <8     | 8  | ug/L  | 10.0                                              |                  | 24.4           | 19-70  |              |       |
| Hexachlorobutadiene                                            | <8     | 8  | ug/L  | 10.0                                              |                  | 56.8           | 12-100 |              |       |
| N-Nitrosodi-n-butylamine                                       | <8     | 8  | ug/L  | 10.0                                              |                  | 76.5           | 13-144 |              |       |
| 4-Chloro-3-methylphenol                                        | <8     | 8  | ug/L  | 10.0                                              |                  | 70.7           | 46-141 |              |       |
| 2-Methylnaphthalene                                            | <8     | 8  | ug/L  | 10.0                                              |                  | 73.4           | 35-110 |              |       |
| Isosafrole                                                     | <8     | 8  | ug/L  | 10.0                                              |                  | 78.3           | 38-122 |              |       |
| 1,2,4,5-Tetrachlorobenzene                                     | <8     | 8  | ug/L  | 10.0                                              |                  | 66.9           | 31-102 |              |       |
| Hexachlorocyclopentadiene                                      | <8     | 8  | ug/L  | 10.0                                              |                  | 58.7           | 10-113 |              |       |
| 2,4,6-Trichlorophenol                                          | <8     | 8  | ug/L  | 10.0                                              |                  | 70.1           | 41-146 |              |       |
| 2,4,5-Trichlorophenol                                          | <8     | 8  | ug/L  | 10.0                                              |                  | 74.5           | 45-149 |              |       |
| Safrole                                                        | <8     | 8  | ug/L  | 10.0                                              |                  | 66.1           | 36-122 |              |       |
| 2-Chloronaphthalene                                            | <8     | 8  | ug/L  | 10.0                                              |                  | 73.0           | 20-146 |              |       |
| 2-Nitroaniline                                                 | <8     | 8  | ug/L  | 10.0                                              |                  | 60.2           | 38-149 |              |       |
| 1,4-Naphthoquinone                                             | <8     | 8  | ug/L  | 10.0                                              |                  | 77.7           | 45-170 |              |       |
| Dimethylphthalate                                              | 8.8    | 8  | ug/L  | 10.0                                              |                  | 88.0           | 40-149 |              |       |
| 1,3-Dinitrobenzene                                             | 8.5    | 8  | ug/L  | 10.0                                              |                  | 85.3           | 30-171 |              |       |
| 1,2-Dinitrobenzene                                             | 8.3    | 8  | ug/L  | 10.0                                              |                  | 83.1           | 35-159 |              |       |
| 2,6-Dinitrotoluene                                             | 8.6    | 8  | ug/L  | 10.0                                              |                  | 86.5           | 40-148 |              |       |
| Acenaphthylene                                                 | <8     | 8  | ug/L  | 10.0                                              |                  | 62.8           | 35-128 |              |       |

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| Determination of<br>Base/Neutral/Acid<br>Extractable Compounds | Result | RL | Units | Spike<br>Level                                    | Source<br>Result | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|----------------------------------------------------------------|--------|----|-------|---------------------------------------------------|------------------|----------------|-----|--------------|-------|
| Batch 1IC0958 - 3520C BNA Cont Liq - EPA 8270C                 |        |    |       |                                                   |                  |                |     |              |       |
| LCS (1IC0958-BS1)                                              |        |    |       | Prepared: 03/19/25 13:49 Analyzed: 03/24/25 18:41 |                  |                |     |              |       |
| Acenaphthene                                                   | <8     | 8  | ug/L  | 10.0                                              |                  | 76.1 34-132    |     |              |       |
| 2,4-Dinitrophenol                                              | 9.1    | 8  | ug/L  | 10.0                                              |                  | 90.6 27-165    |     |              |       |
| 4-Nitrophenol                                                  | 9.3    | 8  | ug/L  | 10.0                                              |                  | 93.2 35-159    |     |              |       |
| Dibenzofuran                                                   | 8.1    | 8  | ug/L  | 10.0                                              |                  | 81.1 37-136    |     |              |       |
| 2,4-Dinitrotoluene                                             | 9.2    | 8  | ug/L  | 10.0                                              |                  | 91.7 42-154    |     |              |       |
| 2,3,4,6-Tetrachlorophenol                                      | <8     | 8  | ug/L  | 10.0                                              |                  | 75.3 29-163    |     |              |       |
| Pentachlorobenzene                                             | <8     | 8  | ug/L  | 10.0                                              |                  | 77.4 53-128    |     |              |       |
| Diethyl Phthalate                                              | 9.0    | 8  | ug/L  | 10.0                                              |                  | 90.5 39-156    |     |              |       |
| Fluorene                                                       | 8.1    | 8  | ug/L  | 10.0                                              |                  | 81.1 34-139    |     |              |       |
| 4-Chlorophenyl Phenyl Ether                                    | 8.1    | 8  | ug/L  | 10.0                                              |                  | 81.3 39-138    |     |              |       |
| 4,6-Dinitro-2-methylphenol                                     | <8     | 8  | ug/L  | 10.0                                              |                  | 65.7 36-161    |     |              |       |
| N-Nitrosodiphenylamine                                         | <8     | 8  | ug/L  | 10.0                                              |                  | 15.7 56-108    |     |              | Q3    |
| Diphenylamine                                                  | <8     | 8  | ug/L  | 10.0                                              |                  | 15.7 20-160    |     |              | Q3    |
| Azobenzene                                                     | <8     | 8  | ug/L  | 10.0                                              |                  | 68.4 31-153    |     |              |       |
| Diallate                                                       | 8.3    | 8  | ug/L  | 10.0                                              |                  | 83.4 43-167    |     |              |       |
| 1,3,5-Trinitrobenzene                                          | 9.1    | 8  | ug/L  | 10.0                                              |                  | 91.0 50-167    |     |              |       |
| Phenacetin                                                     | 8.7    | 8  | ug/L  | 10.0                                              |                  | 87.1 55-146    |     |              |       |
| 4-Bromophenyl Phenyl Ether                                     | 8.2    | 8  | ug/L  | 10.0                                              |                  | 82.1 31-156    |     |              |       |
| Pentachlorophenol                                              | 8.8    | 8  | ug/L  | 10.0                                              |                  | 88.3 13-159    |     |              |       |
| Pronamide                                                      | <8     | 8  | ug/L  | 10.0                                              |                  | 35.0 53-139    |     |              | Q3    |
| Pentachloronitrobenzene (PCNB)                                 | 8.8    | 8  | ug/L  | 10.0                                              |                  | 88.4 56-165    |     |              |       |
| Phenanthrene                                                   | 8.4    | 8  | ug/L  | 10.0                                              |                  | 83.7 35-147    |     |              |       |
| Anthracene                                                     | <8     | 8  | ug/L  | 10.0                                              |                  | 72.7 36-146    |     |              |       |
| Di-n-butyl Phthalate                                           | 8.9    | 8  | ug/L  | 10.0                                              |                  | 89.1 37-164    |     |              |       |
| Fluoranthene                                                   | 8.6    | 8  | ug/L  | 10.0                                              |                  | 86.0 38-155    |     |              |       |
| Isodrin                                                        | 9.0    | 8  | ug/L  | 10.0                                              |                  | 89.9 34-148    |     |              |       |
| Chlorobenzilate                                                | <8     | 8  | ug/L  | 10.0                                              |                  | 34.5 60-136    |     |              | Q3    |
| Pyrene                                                         | <8     | 8  | ug/L  | 10.0                                              |                  | 75.9 37-157    |     |              |       |
| Butyl Benzyl Phthalate                                         | 8.3    | 8  | ug/L  | 10.0                                              |                  | 82.9 52-150    |     |              |       |
| Benzo(a)anthracene                                             | <8     | 8  | ug/L  | 10.0                                              |                  | 78.6 39-149    |     |              |       |
| Chrysene                                                       | 8.6    | 8  | ug/L  | 10.0                                              |                  | 86.3 39-149    |     |              |       |
| Bis(2-Ethylhexyl) Phthalate                                    | 11.0   | 6  | ug/L  | 10.0                                              |                  | 110 27-186     |     |              |       |
| 2-Acetylaminofluorene                                          | <8     | 8  | ug/L  | 10.0                                              |                  | 74.0 20-171    |     |              |       |
| Di-n-octyl Phthalate                                           | 9.6    | 8  | ug/L  | 10.0                                              |                  | 95.8 39-171    |     |              |       |
| Benzo(b)Fluoranthene                                           | 8.6    | 8  | ug/L  | 10.0                                              |                  | 85.8 39-165    |     |              |       |
| 7,12-Dimethylbenz [a] anthracene                               | <8     | 8  | ug/L  | 10.0                                              |                  | 50.6 22-155    |     |              |       |
| Benzo(k)Fluoranthene                                           | 8.7    | 8  | ug/L  | 10.0                                              |                  | 87.0 41-160    |     |              |       |
| Benzo(a)Pyrene                                                 | <8     | 8  | ug/L  | 10.0                                              |                  | 64.7 37-151    |     |              |       |
| 3-Methylcholanthrene                                           | <8     | 8  | ug/L  | 10.0                                              |                  | 26.9 28-140    |     |              | Q3    |
| Dibenzo(a,h)anthracene                                         | <8     | 8  | ug/L  | 10.0                                              |                  | 77.5 17-178    |     |              |       |
| Indeno(1,2,3-cd)Pyrene                                         | <8     | 8  | ug/L  | 10.0                                              |                  | 71.9 18-176    |     |              |       |
| Benzo(g,h,i)perylene                                           | <8     | 8  | ug/L  | 10.0                                              |                  | 67.3 11-179    |     |              |       |

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| Determination of<br>Base/Neutral/Acid<br>Extractable Compounds | Result | RL | Units | Spike<br>Level                                    | Source<br>Result | %REC<br>Limits | RPD    | RPD<br>Limit | Notes |
|----------------------------------------------------------------|--------|----|-------|---------------------------------------------------|------------------|----------------|--------|--------------|-------|
| Batch 11C0958 - 3520C BNA Cont Liq - EPA 8270C                 |        |    |       |                                                   |                  |                |        |              |       |
| LCS (11C0958-BS1)                                              |        |    |       | Prepared: 03/19/25 13:49 Analyzed: 03/24/25 18:41 |                  |                |        |              |       |
| Surrogate: 2-Fluorophenol                                      | 12.2   |    | ug/L  | 20.6                                              |                  | 59.2           | 10-149 |              |       |
| Surrogate: Phenol-d6                                           | 12.6   |    | ug/L  | 19.6                                              |                  | 64.5           | 10-143 |              |       |
| Surrogate: Nitrobenzene-d5                                     | 15.8   |    | ug/L  | 20.6                                              |                  | 77.1           | 31-137 |              |       |
| Surrogate: 2-Fluorobiphenyl                                    | 15.7   |    | ug/L  | 19.5                                              |                  | 80.6           | 29-131 |              |       |
| Surrogate: 2,4,6-Tribromophenol                                | 16.5   |    | ug/L  | 20.0                                              |                  | 82.2           | 10-153 |              |       |
| Surrogate: Terphenyl-d14                                       | 19.8   |    | ug/L  | 20.6                                              |                  | 96.3           | 30-142 |              |       |
| LCS Dup (11C0958-BSD1)                                         |        |    |       | Prepared: 03/19/25 13:49 Analyzed: 03/24/25 19:06 |                  |                |        |              |       |
| N-Nitrosodimethylamine                                         | <8     | 8  | ug/L  | 10.0                                              |                  | 63.7           | 22-124 | 15.2         | 27    |
| Methyl Methanesulfonate                                        | <8     | 8  | ug/L  | 10.0                                              |                  | 70.7           | 25-115 | 1.40         | 16    |
| N-Nitrosodiethylamine                                          | <8     | 8  | ug/L  | 10.0                                              |                  | 70.8           | 19-133 | 13.4         | 30    |
| N-Nitrosomethylethylamine                                      | <8     | 8  | ug/L  | 10.0                                              |                  | 67.2           | 10-149 | 7.86         | 30    |
| Ethyl Methanesulfonate                                         | <8     | 8  | ug/L  | 10.0                                              |                  | 72.7           | 29-118 | 2.85         | 17    |
| Phenol                                                         | <8     | 8  | ug/L  | 10.0                                              |                  | 65.3           | 19-130 | 3.43         | 30    |
| Bis(2-Chloroethyl) Ether                                       | <8     | 8  | ug/L  | 10.0                                              |                  | 71.8           | 23-131 | 0.278        | 24    |
| 2-Chlorophenol                                                 | <8     | 8  | ug/L  | 10.0                                              |                  | 61.0           | 20-159 | 3.07         | 30    |
| Benzyl Alcohol                                                 | <8     | 8  | ug/L  | 10.0                                              |                  | 36.6           | 17-138 | 7.37         | 30    |
| 2-Methylphenol (o-Cresol)                                      | <8     | 8  | ug/L  | 10.0                                              |                  | 77.4           | 29-130 | 12.5         | 30    |
| Bis[2-Chloroisopropyl]ether                                    | <8     | 8  | ug/L  | 10.0                                              |                  | 71.1           | 29-121 | 9.38         | 26    |
| n-Nitroso-di-n-propylamine                                     | <8     | 8  | ug/L  | 10.0                                              |                  | 75.8           | 33-130 | 11.2         | 21    |
| N-Nitrosopyrrolidine                                           | <8     | 8  | ug/L  | 10.0                                              |                  | 77.4           | 24-135 | 9.47         | 30    |
| Acetophenone                                                   | <8     | 8  | ug/L  | 10.0                                              |                  | 76.8           | 35-129 | 3.58         | 22    |
| o-Toluidine                                                    | <8     | 8  | ug/L  | 10.0                                              |                  | 71.7           | 10-119 | 12.4         | 30    |
| (3 & 4)-Methylphenol                                           | <8     | 8  | ug/L  | 10.0                                              |                  | 76.9           | 27-136 | 12.6         | 30    |
| Hexachloroethane                                               | <8     | 8  | ug/L  | 10.0                                              |                  | 63.0           | 18-88  | 7.93         | 30    |
| Nitrobenzene                                                   | <8     | 8  | ug/L  | 10.0                                              |                  | 76.7           | 32-133 | 1.68         | 26    |
| N-Nitrosopiperidine                                            | <8     | 8  | ug/L  | 10.0                                              |                  | 76.8           | 24-134 | 5.69         | 30    |
| Isophorone                                                     | <8     | 8  | ug/L  | 10.0                                              |                  | 77.2           | 37-131 | 7.48         | 28    |
| 2-Nitrophenol                                                  | <8     | 8  | ug/L  | 10.0                                              |                  | 60.0           | 41-127 | 6.61         | 30    |
| 2,4-Dimethylphenol                                             | <8     | 8  | ug/L  | 10.0                                              |                  | 76.5           | 34-133 | 3.46         | 30    |
| Bis (2-Chloroethoxy) Methane                                   | <8     | 8  | ug/L  | 10.0                                              |                  | 72.3           | 29-117 | 36.5         | 30 R1 |
| 2,4-Dichlorophenol                                             | <8     | 8  | ug/L  | 10.0                                              |                  | 64.0           | 41-134 | 1.24         | 30    |
| Naphthalene                                                    | <8     | 8  | ug/L  | 10.0                                              |                  | 71.5           | 31-107 | 2.62         | 30    |
| 2,6-Dichlorophenol                                             | <8     | 8  | ug/L  | 10.0                                              |                  | 60.8           | 21-151 | 6.68         | 30    |
| Hexachloropropene                                              | <8     | 8  | ug/L  | 10.0                                              |                  | 23.5           | 19-70  | 3.76         | 30    |
| Hexachlorobutadiene                                            | <8     | 8  | ug/L  | 10.0                                              |                  | 55.5           | 12-100 | 2.32         | 30    |
| N-Nitrosodi-n-butylamine                                       | <8     | 8  | ug/L  | 10.0                                              |                  | 68.0           | 13-144 | 11.8         | 30    |
| 4-Chloro-3-methylphenol                                        | <8     | 8  | ug/L  | 10.0                                              |                  | 75.7           | 46-141 | 6.83         | 30    |
| 2-Methylnaphthalene                                            | <8     | 8  | ug/L  | 10.0                                              |                  | 72.6           | 35-110 | 1.10         | 30    |
| Isosafrole                                                     | <8     | 8  | ug/L  | 10.0                                              |                  | 77.8           | 38-122 | 0.641        | 29    |
| 1,2,4,5-Tetrachlorobenzene                                     | <8     | 8  | ug/L  | 10.0                                              |                  | 67.6           | 31-102 | 1.04         | 30    |
| Hexachlorocyclopentadiene                                      | <8     | 8  | ug/L  | 10.0                                              |                  | 62.4           | 10-113 | 6.11         | 30    |
| 2,4,6-Trichlorophenol                                          | <8     | 8  | ug/L  | 10.0                                              |                  | 65.8           | 41-146 | 6.33         | 30    |

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| Determination of<br>Base/Neutral/Acid<br>Extractable Compounds | Result | RL | Units | Spike<br>Level                                    | Source<br>Result | %REC | %REC<br>Limits | RPD   | RPD<br>Limit | Notes |
|----------------------------------------------------------------|--------|----|-------|---------------------------------------------------|------------------|------|----------------|-------|--------------|-------|
| Batch 1IC0958 - 3520C BNA Cont Liq - EPA 8270C                 |        |    |       |                                                   |                  |      |                |       |              |       |
| LCS Dup (1IC0958-BSD1)                                         |        |    |       | Prepared: 03/19/25 13:49 Analyzed: 03/24/25 19:06 |                  |      |                |       |              |       |
| 2,4,5-Trichlorophenol                                          | <8     | 8  | ug/L  | 10.0                                              |                  | 67.4 | 45-149         | 10.0  | 30           |       |
| Safrole                                                        | <8     | 8  | ug/L  | 10.0                                              |                  | 77.3 | 36-122         | 15.6  | 30           |       |
| 2-Chloronaphthalene                                            | <8     | 8  | ug/L  | 10.0                                              |                  | 74.7 | 20-146         | 2.30  | 30           |       |
| 2-Nitroaniline                                                 | <8     | 8  | ug/L  | 10.0                                              |                  | 74.1 | 38-149         | 20.7  | 30           |       |
| 1,4-Naphthoquinone                                             | <8     | 8  | ug/L  | 10.0                                              |                  | 70.2 | 45-170         | 10.1  | 30           |       |
| Dimethylphthalate                                              | 8.4    | 8  | ug/L  | 10.0                                              |                  | 84.0 | 40-149         | 4.65  | 23           |       |
| 1,3-Dinitrobenzene                                             | 8.4    | 8  | ug/L  | 10.0                                              |                  | 84.4 | 30-171         | 1.06  | 26           |       |
| 1,2-Dinitrobenzene                                             | 8.3    | 8  | ug/L  | 10.0                                              |                  | 82.6 | 35-159         | 0.604 | 26           |       |
| 2,6-Dinitrotoluene                                             | 8.5    | 8  | ug/L  | 10.0                                              |                  | 84.9 | 40-148         | 1.87  | 30           |       |
| Acenaphthylene                                                 | <8     | 8  | ug/L  | 10.0                                              |                  | 75.0 | 35-128         | 17.7  | 30           |       |
| Acenaphthene                                                   | <8     | 8  | ug/L  | 10.0                                              |                  | 76.7 | 34-132         | 0.785 | 30           |       |
| 2,4-Dinitrophenol                                              | <8     | 8  | ug/L  | 10.0                                              |                  | 76.0 | 27-165         | 17.5  | 30           |       |
| 4-Nitrophenol                                                  | <8     | 8  | ug/L  | 10.0                                              |                  | 64.9 | 35-159         | 35.8  | 30           | R1    |
| Dibenzofuran                                                   | <8     | 8  | ug/L  | 10.0                                              |                  | 79.1 | 37-136         | 2.50  | 30           |       |
| 2,4-Dinitrotoluene                                             | 8.6    | 8  | ug/L  | 10.0                                              |                  | 86.1 | 42-154         | 6.30  | 30           |       |
| 2,3,4,6-Tetrachlorophenol                                      | <8     | 8  | ug/L  | 10.0                                              |                  | 69.4 | 29-163         | 8.15  | 30           |       |
| Pentachlorobenzene                                             | <8     | 8  | ug/L  | 10.0                                              |                  | 78.1 | 53-128         | 0.900 | 30           |       |
| Diethyl Phthalate                                              | 8.8    | 8  | ug/L  | 10.0                                              |                  | 88.1 | 39-156         | 2.69  | 30           |       |
| Fluorene                                                       | <8     | 8  | ug/L  | 10.0                                              |                  | 79.2 | 34-139         | 2.37  | 30           |       |
| 4-Chlorophenyl Phenyl Ether                                    | <8     | 8  | ug/L  | 10.0                                              |                  | 79.0 | 39-138         | 2.87  | 30           |       |
| 4,6-Dinitro-2-methylphenol                                     | <8     | 8  | ug/L  | 10.0                                              |                  | 59.7 | 36-161         | 9.57  | 30           |       |
| N-Nitrosodiphenylamine                                         | <8     | 8  | ug/L  | 10.0                                              |                  | 44.4 | 56-108         | 95.5  | 30           | Q3    |
| Diphenylamine                                                  | <8     | 8  | ug/L  | 10.0                                              |                  | 44.4 | 20-160         | 95.5  | 30           | Q3    |
| Azobenzene                                                     | <8     | 8  | ug/L  | 10.0                                              |                  | 70.2 | 31-153         | 2.60  | 30           |       |
| Diallate                                                       | 8.8    | 8  | ug/L  | 10.0                                              |                  | 88.5 | 43-167         | 5.93  | 30           |       |
| 1,3,5-Trinitrobenzene                                          | 9.1    | 8  | ug/L  | 10.0                                              |                  | 91.3 | 50-167         | 0.329 | 30           |       |
| Phenacetin                                                     | 9.4    | 8  | ug/L  | 10.0                                              |                  | 93.8 | 55-146         | 7.41  | 24           |       |
| 4-Bromophenyl Phenyl Ether                                     | 8.0    | 8  | ug/L  | 10.0                                              |                  | 80.5 | 31-156         | 1.97  | 30           |       |
| Pentachlorophenol                                              | 8.3    | 8  | ug/L  | 10.0                                              |                  | 83.1 | 13-159         | 6.07  | 30           |       |
| Pronamide                                                      | <8     | 8  | ug/L  | 10.0                                              |                  | 70.6 | 53-139         | 67.4  | 30           | R1    |
| Pentachloronitrobenzene (PCNB)                                 | 8.8    | 8  | ug/L  | 10.0                                              |                  | 87.9 | 56-165         | 0.567 | 30           |       |
| Phenanthrene                                                   | 8.4    | 8  | ug/L  | 10.0                                              |                  | 84.1 | 35-147         | 0.477 | 30           |       |
| Anthracene                                                     | <8     | 8  | ug/L  | 10.0                                              |                  | 76.9 | 36-146         | 5.61  | 30           |       |
| Di-n-butyl Phthalate                                           | 8.7    | 8  | ug/L  | 10.0                                              |                  | 87.4 | 37-164         | 1.93  | 30           |       |
| Fluoranthene                                                   | 8.8    | 8  | ug/L  | 10.0                                              |                  | 87.9 | 38-155         | 2.19  | 30           |       |
| Isodrin                                                        | 8.4    | 8  | ug/L  | 10.0                                              |                  | 83.7 | 34-148         | 7.14  | 30           |       |
| Chlorobenzilate                                                | 8.2    | 8  | ug/L  | 10.0                                              |                  | 81.6 | 60-136         | 81.1  | 30           | R1    |
| Pyrene                                                         | 8.3    | 8  | ug/L  | 10.0                                              |                  | 82.6 | 37-157         | 8.45  | 30           |       |
| Butyl Benzyl Phthalate                                         | 8.4    | 8  | ug/L  | 10.0                                              |                  | 83.8 | 52-150         | 1.08  | 30           |       |
| Benzo(a)anthracene                                             | 8.2    | 8  | ug/L  | 10.0                                              |                  | 81.8 | 39-149         | 3.99  | 30           |       |
| Chrysene                                                       | 8.6    | 8  | ug/L  | 10.0                                              |                  | 85.5 | 39-149         | 0.931 | 30           |       |
| Bis(2-Ethylhexyl) Phthalate                                    | 11.1   | 6  | ug/L  | 10.0                                              |                  | 111  | 27-186         | 1.36  | 30           |       |

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11C0851

| Determination of<br>Base/Neutral/Acid<br>Extractable Compounds | Result | RL | Units | Spike<br>Level                                    | Source<br>Result | %REC<br>Limits | RPD    | RPD<br>Limit | Notes |
|----------------------------------------------------------------|--------|----|-------|---------------------------------------------------|------------------|----------------|--------|--------------|-------|
| Batch 11C0958 - 3520C BNA Cont Liq - EPA 8270C                 |        |    |       |                                                   |                  |                |        |              |       |
| LCS Dup (11C0958-BSD1)                                         |        |    |       | Prepared: 03/19/25 13:49 Analyzed: 03/24/25 19:06 |                  |                |        |              |       |
| 2-Acetylaminofluorene                                          | 9.4    | 8  | ug/L  | 10.0                                              |                  | 94.5           | 20-171 | 24.3         | 30    |
| Di-n-octyl Phthalate                                           | 9.5    | 8  | ug/L  | 10.0                                              |                  | 94.7           | 39-171 | 1.15         | 30    |
| Benzo(b)Fluoranthene                                           | 9.4    | 8  | ug/L  | 10.0                                              |                  | 93.5           | 39-165 | 8.59         | 30    |
| 7,12-Dimethylbenz [a] anthracene                               | <8     | 8  | ug/L  | 10.0                                              |                  | 64.7           | 22-155 | 24.5         | 30    |
| Benzo(k)Fluoranthene                                           | 9.4    | 8  | ug/L  | 10.0                                              |                  | 94.3           | 41-160 | 8.05         | 30    |
| Benzo(a)Pyrene                                                 | 8.5    | 8  | ug/L  | 10.0                                              |                  | 85.0           | 37-151 | 27.1         | 30    |
| 3-Methylcholanthrene                                           | <8     | 8  | ug/L  | 10.0                                              |                  | 51.0           | 28-140 | 61.9         | 30 R1 |
| Dibenzo(a,h)anthracene                                         | 9.4    | 8  | ug/L  | 10.0                                              |                  | 94.3           | 17-178 | 19.6         | 30    |
| Indeno(1,2,3-cd)Pyrene                                         | 9.5    | 8  | ug/L  | 10.0                                              |                  | 95.4           | 18-176 | 28.1         | 30    |
| Benzo(g,h,i)perylene                                           | 9.5    | 8  | ug/L  | 10.0                                              |                  | 95.0           | 11-179 | 34.1         | 30 R1 |
| Surrogate: 2-Fluorophenol                                      | 10.9   |    | ug/L  | 20.6                                              |                  | 52.7           | 10-149 |              |       |
| Surrogate: Phenol-d6                                           | 13.5   |    | ug/L  | 19.6                                              |                  | 68.8           | 10-143 |              |       |
| Surrogate: Nitrobenzene-d5                                     | 15.3   |    | ug/L  | 20.6                                              |                  | 74.4           | 31-137 |              |       |
| Surrogate: 2-Fluorobiphenyl                                    | 15.2   |    | ug/L  | 19.5                                              |                  | 78.0           | 29-131 |              |       |
| Surrogate: 2,4,6-Tribromophenol                                | 15.5   |    | ug/L  | 20.0                                              |                  | 77.2           | 10-153 |              |       |
| Surrogate: Terphenyl-d14                                       | 18.2   |    | ug/L  | 20.6                                              |                  | 88.3           | 30-142 |              |       |
| Reference (11C0958-SRM1)                                       |        |    |       | Prepared: 03/19/25 13:49 Analyzed: 03/24/25 19:30 |                  |                |        |              |       |
| N-Nitrosodimethylamine                                         | 9.2    | 8  | ug/L  | 10.0                                              |                  | 92.5           | 80-120 |              |       |
| Methyl Methanesulfonate                                        | 9.2    | 8  | ug/L  | 10.0                                              |                  | 92.2           | 80-120 |              |       |
| N-Nitrosodiethylamine                                          | 9.2    | 8  | ug/L  | 10.0                                              |                  | 92.1           | 80-120 |              |       |
| N-Nitrosomethylethylamine                                      | 8.9    | 8  | ug/L  | 10.0                                              |                  | 88.6           | 80-120 |              |       |
| Ethyl Methanesulfonate                                         | 9.5    | 8  | ug/L  | 10.0                                              |                  | 95.2           | 80-120 |              |       |
| Phenol                                                         | 9.1    | 8  | ug/L  | 10.0                                              |                  | 91.1           | 80-120 |              |       |
| Bis(2-Chloroethyl) Ether                                       | 9.2    | 8  | ug/L  | 10.0                                              |                  | 92.3           | 80-120 |              |       |
| 2-Chlorophenol                                                 | 9.3    | 8  | ug/L  | 10.0                                              |                  | 92.9           | 80-120 |              |       |
| 2-Methylphenol (o-Cresol)                                      | 9.0    | 8  | ug/L  | 10.0                                              |                  | 89.8           | 80-120 |              |       |
| Bis[2-Chloroisopropyl]ether                                    | 9.2    | 8  | ug/L  | 10.0                                              |                  | 92.3           | 80-120 |              |       |
| n-Nitroso-di-n-propylamine                                     | 9.3    | 8  | ug/L  | 10.0                                              |                  | 92.9           | 80-120 |              |       |
| N-Nitrosopyrrolidine                                           | 9.2    | 8  | ug/L  | 10.0                                              |                  | 92.5           | 80-120 |              |       |
| Acetophenone                                                   | 9.4    | 8  | ug/L  | 10.0                                              |                  | 94.0           | 80-120 |              |       |
| o-Toluidine                                                    | 8.3    | 8  | ug/L  | 10.0                                              |                  | 83.0           | 80-120 |              |       |
| (3 & 4)-Methylphenol                                           | 8.9    | 8  | ug/L  | 10.0                                              |                  | 88.9           | 80-120 |              |       |
| Hexachloroethane                                               | 9.2    | 8  | ug/L  | 10.0                                              |                  | 91.8           | 80-120 |              |       |
| Nitrobenzene                                                   | 11.2   | 8  | ug/L  | 10.0                                              |                  | 112            | 80-120 |              |       |
| N-Nitrosopiperidine                                            | 9.6    | 8  | ug/L  | 10.0                                              |                  | 95.6           | 80-120 |              |       |
| Isophorone                                                     | 9.9    | 8  | ug/L  | 10.0                                              |                  | 99.1           | 80-120 |              |       |
| 2-Nitrophenol                                                  | 10.0   | 8  | ug/L  | 10.0                                              |                  | 99.8           | 80-120 |              |       |
| 2,4-Dimethylphenol                                             | 9.4    | 8  | ug/L  | 10.0                                              |                  | 94.1           | 80-120 |              |       |
| Bis (2-Chloroethoxy) Methane                                   | 9.8    | 8  | ug/L  | 10.0                                              |                  | 97.8           | 80-120 |              |       |
| 2,4-Dichlorophenol                                             | 9.8    | 8  | ug/L  | 10.0                                              |                  | 98.0           | 80-120 |              |       |
| Naphthalene                                                    | 9.8    | 8  | ug/L  | 10.0                                              |                  | 97.5           | 80-120 |              |       |
| 2,6-Dichlorophenol                                             | 9.9    | 8  | ug/L  | 10.0                                              |                  | 99.1           | 80-120 |              |       |

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11C0851

| Determination of<br>Base/Neutral/Acid<br>Extractable Compounds | Result                                            | RL | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD    | RPD<br>Limit | Notes |
|----------------------------------------------------------------|---------------------------------------------------|----|-------|----------------|------------------|----------------|--------|--------------|-------|
| Batch 11C0958 - 3520C BNA Cont Liq - EPA 8270C                 |                                                   |    |       |                |                  |                |        |              |       |
| Reference (11C0958-SRM1)                                       | Prepared: 03/19/25 13:49 Analyzed: 03/24/25 19:30 |    |       |                |                  |                |        |              |       |
| Hexachloropropene                                              | 10.1                                              | 8  | ug/L  | 10.0           |                  | 101            | 80-120 |              |       |
| Hexachlorobutadiene                                            | 9.8                                               | 8  | ug/L  | 10.0           |                  | 98.2           | 80-120 |              |       |
| N-Nitrosodi-n-butylamine                                       | 8.3                                               | 8  | ug/L  | 10.0           |                  | 83.3           | 80-120 |              |       |
| 4-Chloro-3-methylphenol                                        | 8.2                                               | 8  | ug/L  | 10.0           |                  | 81.8           | 80-120 |              |       |
| 2-Methylnaphthalene                                            | 9.9                                               | 8  | ug/L  | 10.0           |                  | 99.2           | 80-120 |              |       |
| Isosafrole                                                     | 9.5                                               | 8  | ug/L  | 10.0           |                  | 95.2           | 80-120 |              |       |
| 1,2,4,5-Tetrachlorobenzene                                     | 9.4                                               | 8  | ug/L  | 10.0           |                  | 94.2           | 80-120 |              |       |
| Hexachlorocyclopentadiene                                      | 10.4                                              | 8  | ug/L  | 10.0           |                  | 104            | 80-120 |              |       |
| 2,4,6-Trichlorophenol                                          | 9.4                                               | 8  | ug/L  | 10.0           |                  | 93.5           | 80-120 |              |       |
| 2,4,5-Trichlorophenol                                          | 9.3                                               | 8  | ug/L  | 10.0           |                  | 93.3           | 80-120 |              |       |
| Safrole                                                        | 9.5                                               | 8  | ug/L  | 10.0           |                  | 95.0           | 80-120 |              |       |
| 2-Chloronaphthalene                                            | 9.3                                               | 8  | ug/L  | 10.0           |                  | 92.8           | 80-120 |              |       |
| 2-Nitroaniline                                                 | 9.3                                               | 8  | ug/L  | 10.0           |                  | 93.0           | 80-120 |              |       |
| 1,4-Naphthoquinone                                             | 11.1                                              | 8  | ug/L  | 10.0           |                  | 111            | 80-120 |              |       |
| Dimethylphthalate                                              | 9.2                                               | 8  | ug/L  | 10.0           |                  | 92.2           | 80-120 |              |       |
| 1,3-Dinitrobenzene                                             | 9.6                                               | 8  | ug/L  | 10.0           |                  | 96.0           | 80-120 |              |       |
| 1,2-Dinitrobenzene                                             | 9.2                                               | 8  | ug/L  | 10.0           |                  | 92.4           | 80-120 |              |       |
| 2,6-Dinitrotoluene                                             | 9.3                                               | 8  | ug/L  | 10.0           |                  | 93.3           | 80-120 |              |       |
| Acenaphthylene                                                 | 9.3                                               | 8  | ug/L  | 10.0           |                  | 92.6           | 80-120 |              |       |
| 3-Nitroaniline                                                 | <8                                                | 8  | ug/L  | 10.0           |                  | 73.0           | 80-120 |              | M2    |
| Acenaphthene                                                   | 9.4                                               | 8  | ug/L  | 10.0           |                  | 93.9           | 80-120 |              |       |
| 2,4-Dinitrophenol                                              | 10.7                                              | 8  | ug/L  | 10.0           |                  | 107            | 80-120 |              |       |
| 4-Nitrophenol                                                  | <8                                                | 8  | ug/L  | 10.0           |                  | 79.2           | 80-120 |              | M2    |
| Dibenzofuran                                                   | 9.4                                               | 8  | ug/L  | 10.0           |                  | 93.8           | 80-120 |              |       |
| 2,4-Dinitrotoluene                                             | 9.5                                               | 8  | ug/L  | 10.0           |                  | 95.2           | 80-120 |              |       |
| 2,3,4,6-Tetrachlorophenol                                      | 8.6                                               | 8  | ug/L  | 10.0           |                  | 85.5           | 80-120 |              |       |
| Pentachlorobenzene                                             | 9.5                                               | 8  | ug/L  | 10.0           |                  | 95.0           | 80-120 |              |       |
| Diethyl Phthalate                                              | 9.3                                               | 8  | ug/L  | 10.0           |                  | 93.4           | 80-120 |              |       |
| Fluorene                                                       | 9.3                                               | 8  | ug/L  | 10.0           |                  | 93.3           | 80-120 |              |       |
| 4-Chlorophenyl Phenyl Ether                                    | 9.3                                               | 8  | ug/L  | 10.0           |                  | 93.4           | 80-120 |              |       |
| 4-Nitroaniline                                                 | 8.8                                               | 8  | ug/L  | 10.0           |                  | 87.5           | 80-120 |              |       |
| 5-Nitro-o-toluidine                                            | 8.3                                               | 8  | ug/L  | 10.0           |                  | 83.3           | 80-120 |              |       |
| 4,6-Dinitro-2-methylphenol                                     | 9.2                                               | 8  | ug/L  | 10.0           |                  | 91.7           | 80-120 |              |       |
| N-Nitrosodiphenylamine                                         | 9.3                                               | 8  | ug/L  | 10.0           |                  | 92.6           | 80-120 |              |       |
| Diphenylamine                                                  | 9.3                                               | 8  | ug/L  | 10.0           |                  | 92.6           | 80-120 |              |       |
| Azobenzene                                                     | 9.5                                               | 8  | ug/L  | 10.0           |                  | 94.9           | 80-120 |              |       |
| Diallate                                                       | 9.7                                               | 8  | ug/L  | 10.0           |                  | 96.8           | 80-120 |              |       |
| 1,3,5-Trinitrobenzene                                          | 10.0                                              | 8  | ug/L  | 10.0           |                  | 99.5           | 80-120 |              |       |
| Phenacetin                                                     | 9.7                                               | 8  | ug/L  | 10.0           |                  | 97.1           | 80-120 |              |       |
| 4-Bromophenyl Phenyl Ether                                     | 9.2                                               | 8  | ug/L  | 10.0           |                  | 91.6           | 80-120 |              |       |
| Pentachlorophenol                                              | 8.6                                               | 8  | ug/L  | 10.0           |                  | 86.2           | 80-120 |              |       |
| Pronamide                                                      | 9.4                                               | 8  | ug/L  | 10.0           |                  | 94.4           | 80-120 |              |       |

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| Determination of<br>Base/Neutral/Acid<br>Extractable Compounds | Result | RL | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|----------------------------------------------------------------|--------|----|-------|----------------|------------------|------|----------------|-----|--------------|-------|
| Batch 11C0958 - 3520C BNA Cont Liq - EPA 8270C                 |        |    |       |                |                  |      |                |     |              |       |

Reference (11C0958-SRM1)

Prepared: 03/19/25 13:49 Analyzed: 03/24/25 19:30

|                                  |      |   |      |      |  |      |        |  |  |    |
|----------------------------------|------|---|------|------|--|------|--------|--|--|----|
| Pentachloronitrobenzene (PCNB)   | 9.5  | 8 | ug/L | 10.0 |  | 95.3 | 80-120 |  |  |    |
| Phenanthrene                     | 9.3  | 8 | ug/L | 10.0 |  | 92.7 | 80-120 |  |  |    |
| Anthracene                       | 9.2  | 8 | ug/L | 10.0 |  | 92.3 | 80-120 |  |  |    |
| Di-n-butyl Phthalate             | 9.2  | 8 | ug/L | 10.0 |  | 91.7 | 80-120 |  |  |    |
| Fluoranthene                     | 9.4  | 8 | ug/L | 10.0 |  | 93.8 | 80-120 |  |  |    |
| Isodrin                          | 9.3  | 8 | ug/L | 10.0 |  | 92.9 | 80-120 |  |  |    |
| Chlorobenzilate                  | 9.6  | 8 | ug/L | 10.0 |  | 96.1 | 80-120 |  |  |    |
| Pyrene                           | 9.3  | 8 | ug/L | 10.0 |  | 93.1 | 80-120 |  |  |    |
| Butyl Benzyl Phthalate           | 9.3  | 8 | ug/L | 10.0 |  | 92.6 | 80-120 |  |  |    |
| Benzo(a)anthracene               | 9.1  | 8 | ug/L | 10.0 |  | 91.4 | 80-120 |  |  |    |
| Chrysene                         | 9.3  | 8 | ug/L | 10.0 |  | 92.8 | 80-120 |  |  |    |
| Bis(2-Ethylhexyl) Phthalate      | 9.0  | 6 | ug/L | 10.0 |  | 89.7 | 80-120 |  |  |    |
| 2-Acetylaminofluorene            | 9.5  | 8 | ug/L | 10.0 |  | 95.0 | 80-120 |  |  |    |
| Di-n-octyl Phthalate             | 9.5  | 8 | ug/L | 10.0 |  | 95.2 | 80-120 |  |  |    |
| Benzo(b)Fluoranthene             | 9.2  | 8 | ug/L | 10.0 |  | 91.7 | 80-120 |  |  |    |
| 7,12-Dimethylbenz [a] anthracene | <8   | 8 | ug/L | 10.0 |  |      | 80-120 |  |  | M2 |
| Benzo(k)Fluoranthene             | 9.6  | 8 | ug/L | 10.0 |  | 95.7 | 80-120 |  |  |    |
| Benzo(a)Pyrene                   | 9.5  | 8 | ug/L | 10.0 |  | 95.4 | 80-120 |  |  |    |
| 3-Methylcholanthrene             | 8.8  | 8 | ug/L | 10.0 |  | 88.1 | 80-120 |  |  |    |
| Dibenzo(a,h)anthracene           | 9.4  | 8 | ug/L | 10.0 |  | 94.4 | 80-120 |  |  |    |
| Indeno(1,2,3-cd)Pyrene           | 9.5  | 8 | ug/L | 10.0 |  | 95.1 | 80-120 |  |  |    |
| Benzo(g,h,i)perylene             | 9.5  | 8 | ug/L | 10.0 |  | 95.3 | 80-120 |  |  |    |
| Surrogate: 2-Fluorophenol        | 19.7 |   | ug/L | 20.6 |  | 95.5 | 10-149 |  |  |    |
| Surrogate: Phenol-d6             | 18.1 |   | ug/L | 19.6 |  | 92.5 | 10-143 |  |  |    |
| Surrogate: Nitrobenzene-d5       | 20.4 |   | ug/L | 20.6 |  | 99.3 | 20-149 |  |  |    |
| Surrogate: 2-Fluorobiphenyl      | 18.8 |   | ug/L | 19.5 |  | 96.2 | 11-146 |  |  |    |
| Surrogate: 2,4,6-Tribromophenol  | 19.9 |   | ug/L | 20.0 |  | 99.1 | 10-153 |  |  |    |
| Surrogate: Terphenyl-d14         | 19.8 |   | ug/L | 20.6 |  | 96.2 | 27-155 |  |  |    |

| Determination of<br>Organophosphorus<br>Insecticides | Result | RL | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|------------------------------------------------------|--------|----|-------|----------------|------------------|------|----------------|-----|--------------|-------|
| Batch 11C0795 - 3510C NP/OC Sep Fnl - EPA 8141       |        |    |       |                |                  |      |                |     |              |       |

Blank (11C0795-BLK1)

Prepared: 03/17/25 14:27 Analyzed: 03/24/25 16:19

|                                 |      |     |      |  |  |  |  |  |  |  |
|---------------------------------|------|-----|------|--|--|--|--|--|--|--|
| O,O,O-Triethyl phosphorothioate | <0.4 | 0.4 | ug/L |  |  |  |  |  |  |  |
| Thionazin                       | <0.4 | 0.4 | ug/L |  |  |  |  |  |  |  |
| Phorate                         | <0.4 | 0.4 | ug/L |  |  |  |  |  |  |  |
| Dimethoate                      | <0.4 | 0.4 | ug/L |  |  |  |  |  |  |  |
| Disulfoton                      | <0.4 | 0.4 | ug/L |  |  |  |  |  |  |  |
| Methyl Parathion                | <0.4 | 0.4 | ug/L |  |  |  |  |  |  |  |
| Parathion                       | <0.4 | 0.4 | ug/L |  |  |  |  |  |  |  |

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| Determination of<br>Organophosphorus<br>Insecticides                     | Result | RL  | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD    | RPD<br>Limit | Notes |
|--------------------------------------------------------------------------|--------|-----|-------|----------------|------------------|----------------|--------|--------------|-------|
| Batch 1IC0795 - 3510C NP/OC Sep Fnl - EPA 8141                           |        |     |       |                |                  |                |        |              |       |
| Blank (1IC0795-BLK1) Prepared: 03/17/25 14:27 Analyzed: 03/24/25 16:19   |        |     |       |                |                  |                |        |              |       |
| Famphur                                                                  | <0.4   | 0.4 | ug/L  |                |                  |                |        |              |       |
| Surrogate: 2-Nitro-m-xylene                                              | 8.34   |     | ug/L  | 13.9           |                  | 59.9           |        | 15-154       |       |
| LCS (1IC0795-BS1) Prepared: 03/17/25 14:27 Analyzed: 03/25/25 00:43      |        |     |       |                |                  |                |        |              |       |
| O,O,O-Triethyl phosphorothioate                                          | 3.68   | 0.4 | ug/L  | 4.00           |                  | 92.0           |        | 29-156       |       |
| Thionazin                                                                | 4.02   | 0.4 | ug/L  | 4.00           |                  | 100            |        | 63-131       |       |
| Phorate                                                                  | 4.22   | 0.4 | ug/L  | 4.00           |                  | 105            |        | 51-136       |       |
| Dimethoate                                                               | 5.88   | 0.4 | ug/L  | 4.00           |                  | 147            |        | 42-157       |       |
| Disulfoton                                                               | 4.06   | 0.4 | ug/L  | 4.00           |                  | 102            |        | 37-158       |       |
| Methyl Parathion                                                         | 3.85   | 0.4 | ug/L  | 4.00           |                  | 96.2           |        | 66-140       |       |
| Parathion                                                                | 3.26   | 0.4 | ug/L  | 4.00           |                  | 81.6           |        | 66-120       |       |
| Famphur                                                                  | 4.94   | 0.4 | ug/L  | 4.00           |                  | 123            |        | 67-129       |       |
| Surrogate: 2-Nitro-m-xylene                                              | 12.3   |     | ug/L  | 13.9           |                  | 88.6           |        | 15-154       |       |
| LCS Dup (1IC0795-BSD1) Prepared: 03/17/25 14:27 Analyzed: 03/25/25 01:25 |        |     |       |                |                  |                |        |              |       |
| O,O,O-Triethyl phosphorothioate                                          | 3.28   | 0.4 | ug/L  | 4.00           |                  | 82.0           | 29-156 | 11.5         | 30    |
| Thionazin                                                                | 3.72   | 0.4 | ug/L  | 4.00           |                  | 92.9           | 63-131 | 7.76         | 30    |
| Phorate                                                                  | 3.89   | 0.4 | ug/L  | 4.00           |                  | 97.2           | 51-136 | 8.02         | 30    |
| Dimethoate                                                               | 4.98   | 0.4 | ug/L  | 4.00           |                  | 125            | 42-157 | 16.4         | 30    |
| Disulfoton                                                               | 3.88   | 0.4 | ug/L  | 4.00           |                  | 96.9           | 37-158 | 4.79         | 30    |
| Methyl Parathion                                                         | 3.60   | 0.4 | ug/L  | 4.00           |                  | 89.9           | 66-140 | 6.85         | 30    |
| Parathion                                                                | 3.00   | 0.4 | ug/L  | 4.00           |                  | 75.1           | 66-120 | 8.29         | 26    |
| Famphur                                                                  | 4.32   | 0.4 | ug/L  | 4.00           |                  | 108            | 67-129 | 13.4         | 30    |
| Surrogate: 2-Nitro-m-xylene                                              | 9.30   |     | ug/L  | 13.9           |                  | 66.8           |        | 15-154       |       |
| Determination of Chlorinated<br>Phenoxy Herbicides                       | Result | RL  | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD    | RPD<br>Limit | Notes |
| Batch 1IC0735 - EPA 8151A - EPA 8151A                                    |        |     |       |                |                  |                |        |              |       |
| Blank (1IC0735-BLK1) Prepared: 03/14/25 15:57 Analyzed: 03/21/25 17:22   |        |     |       |                |                  |                |        |              |       |
| 2,4-D                                                                    | <2.0   | 2.0 | ug/L  |                |                  |                |        |              |       |
| 2,4,5-TP (Silvex)                                                        | <0.5   | 0.5 | ug/L  |                |                  |                |        |              |       |
| 2,4,5-T                                                                  | <0.5   | 0.5 | ug/L  |                |                  |                |        |              |       |
| Dinoseb                                                                  | <0.5   | 0.5 | ug/L  |                |                  |                |        |              |       |
| Surrogate: 2,5-Dichlorobenzoic Acid                                      | 1.98   |     | ug/L  | 2.02           |                  | 98.3           |        | 36-159       |       |
| LCS (1IC0735-BS1) Prepared: 03/14/25 15:57 Analyzed: 03/21/25 23:45      |        |     |       |                |                  |                |        |              |       |
| 2,4-D                                                                    | <2.0   | 2.0 | ug/L  | 1.00           |                  | 66.5           | 34-138 |              |       |
| 2,4,5-TP (Silvex)                                                        | <0.5   | 0.5 | ug/L  | 0.500          |                  | 83.0           | 35-145 |              |       |
| 2,4,5-T                                                                  | <0.5   | 0.5 | ug/L  | 0.500          |                  | 85.0           | 17-168 |              |       |
| Dinoseb                                                                  | 0.86   | 0.5 | ug/L  | 1.00           |                  | 86.5           | 10-140 |              |       |

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| Determination of Chlorinated<br>Phenoxy Herbicides | Result | RL  | Units | Spike<br>Level                                    | Source<br>Result | %REC<br>Limits | RPD    | RPD<br>Limit | Notes |
|----------------------------------------------------|--------|-----|-------|---------------------------------------------------|------------------|----------------|--------|--------------|-------|
| Batch 1IC0735 - EPA 8151A - EPA 8151A              |        |     |       |                                                   |                  |                |        |              |       |
| LCS (1IC0735-BS1)                                  |        |     |       | Prepared: 03/14/25 15:57 Analyzed: 03/21/25 23:45 |                  |                |        |              |       |
| Surrogate: 2,5-Dichlorobenzoic Acid                | 2.01   |     | ug/L  | 2.02                                              |                  | 99.5           | 36-159 |              |       |
| LCS Dup (1IC0735-BS1)                              |        |     |       | Prepared: 03/14/25 15:57 Analyzed: 03/22/25 00:17 |                  |                |        |              |       |
| 2,4-D                                              | <2.0   | 2.0 | ug/L  | 1.00                                              |                  | 79.0           | 34-138 | 17.2         | 30    |
| 2,4,5-TP (Silvex)                                  | <0.5   | 0.5 | ug/L  | 0.500                                             |                  | 90.0           | 35-145 | 8.09         | 30    |
| 2,4,5-T                                            | 0.52   | 0.5 | ug/L  | 0.500                                             |                  | 104            | 17-168 | 20.1         | 30    |
| Dinoseb                                            | 0.61   | 0.5 | ug/L  | 1.00                                              |                  | 61.0           | 10-140 | 34.6         | 30 R1 |

Surrogate: 2,5-Dichlorobenzoic Acid 2.13 ug/L 2.02 105 36-159

| Determination of<br>Organochlorine Insecticides<br>& Metabolites | Result | RL   | Units | Spike<br>Level                                    | Source<br>Result | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|------------------------------------------------------------------|--------|------|-------|---------------------------------------------------|------------------|----------------|-----|--------------|-------|
| Batch 1IC0789 - 3510C NP/OC Sep Fnl - EPA 8081                   |        |      |       |                                                   |                  |                |     |              |       |
| Blank (1IC0789-BLK1)                                             |        |      |       | Prepared: 03/17/25 14:21 Analyzed: 03/21/25 11:31 |                  |                |     |              |       |
| Alpha-BHC                                                        | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| Gamma-BHC [Lindane]                                              | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| Beta-BHC                                                         | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| Heptachlor                                                       | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| Delta-BHC                                                        | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| Aldrin                                                           | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| Heptachlor Epoxide                                               | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| Endosulfan I                                                     | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| 4,4'-DDE                                                         | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| Dieldrin                                                         | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| Endrin                                                           | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| 4,4'-DDD                                                         | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| Endosulfan II                                                    | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| 4,4'-DDT                                                         | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| Endrin Aldehyde                                                  | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| Endosulfan Sulfate                                               | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| Methoxychlor                                                     | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |
| Chlordane                                                        | <0.10  | 0.10 | ug/L  |                                                   |                  |                |     |              |       |
| Toxaphene                                                        | <0.20  | 0.20 | ug/L  |                                                   |                  |                |     |              |       |
| Hexachlorobenzene                                                | <0.05  | 0.05 | ug/L  |                                                   |                  |                |     |              |       |

Surrogate: Tetrachloro-m-xylene 0.478 ug/L 0.600 79.6 40-116

|                     |       |      |      |                                                   |  |      |        |  |  |
|---------------------|-------|------|------|---------------------------------------------------|--|------|--------|--|--|
| LCS (1IC0789-BS1)   |       |      |      | Prepared: 03/17/25 14:21 Analyzed: 03/21/25 11:45 |  |      |        |  |  |
| Alpha-BHC           | 0.201 | 0.05 | ug/L | 0.250                                             |  | 80.3 | 52-118 |  |  |
| Gamma-BHC [Lindane] | 0.222 | 0.05 | ug/L | 0.250                                             |  | 88.9 | 53-122 |  |  |
| Beta-BHC            | 0.206 | 0.05 | ug/L | 0.250                                             |  | 82.6 | 54-116 |  |  |
| Heptachlor          | 0.191 | 0.05 | ug/L | 0.250                                             |  | 76.4 | 58-126 |  |  |

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| Determination of<br>Organochlorine Insecticides<br>& Metabolites         | Result | RL   | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD  | RPD<br>Limit | Notes |
|--------------------------------------------------------------------------|--------|------|-------|----------------|------------------|----------------|------|--------------|-------|
| Batch 11C0789 - 3510C NP/OC Sep Fnl - EPA 8081                           |        |      |       |                |                  |                |      |              |       |
| LCS (11C0789-BS1) Prepared: 03/17/25 14:21 Analyzed: 03/21/25 11:45      |        |      |       |                |                  |                |      |              |       |
| Delta-BHC                                                                | 0.222  | 0.05 | ug/L  | 0.250          |                  | 88.9 54-134    |      |              |       |
| Aldrin                                                                   | 0.203  | 0.05 | ug/L  | 0.250          |                  | 81.3 47-122    |      |              |       |
| Heptachlor Epoxide                                                       | 0.231  | 0.05 | ug/L  | 0.250          |                  | 92.2 50-123    |      |              |       |
| Endosulfan I                                                             | 0.220  | 0.05 | ug/L  | 0.250          |                  | 88.0 55-124    |      |              |       |
| 4,4'-DDE                                                                 | 0.207  | 0.05 | ug/L  | 0.250          |                  | 83.0 49-141    |      |              |       |
| Dieldrin                                                                 | 0.211  | 0.05 | ug/L  | 0.250          |                  | 84.4 50-118    |      |              |       |
| Endrin                                                                   | 0.229  | 0.05 | ug/L  | 0.250          |                  | 91.6 39-170    |      |              |       |
| 4,4'-DDD                                                                 | 0.205  | 0.05 | ug/L  | 0.250          |                  | 81.9 59-135    |      |              |       |
| Endosulfan II                                                            | 0.216  | 0.05 | ug/L  | 0.250          |                  | 86.4 56-127    |      |              |       |
| 4,4'-DDT                                                                 | 0.213  | 0.05 | ug/L  | 0.250          |                  | 85.0 67-150    |      |              |       |
| Endrin Aldehyde                                                          | 0.149  | 0.05 | ug/L  | 0.250          |                  | 59.8 57-125    |      |              |       |
| Endosulfan Sulfate                                                       | 0.214  | 0.05 | ug/L  | 0.250          |                  | 85.5 53-131    |      |              |       |
| Methoxychlor                                                             | 0.207  | 0.05 | ug/L  | 0.250          |                  | 83.0 63-153    |      |              |       |
| Surrogate: Tetrachloro-m-xylene                                          | 0.499  |      | ug/L  | 0.600          |                  | 83.1 40-116    |      |              |       |
| LCS Dup (11C0789-BSD1) Prepared: 03/17/25 14:21 Analyzed: 03/21/25 12:29 |        |      |       |                |                  |                |      |              |       |
| Alpha-BHC                                                                | 0.211  | 0.05 | ug/L  | 0.250          |                  | 84.4 52-118    | 4.95 | 30           |       |
| Gamma-BHC [Lindane]                                                      | 0.237  | 0.05 | ug/L  | 0.250          |                  | 95.0 53-122    | 6.59 | 30           |       |
| Beta-BHC                                                                 | 0.216  | 0.05 | ug/L  | 0.250          |                  | 86.3 54-116    | 4.40 | 30           |       |
| Heptachlor                                                               | 0.209  | 0.05 | ug/L  | 0.250          |                  | 83.7 58-126    | 9.11 | 30           |       |
| Delta-BHC                                                                | 0.238  | 0.05 | ug/L  | 0.250          |                  | 95.3 54-134    | 6.97 | 30           |       |
| Aldrin                                                                   | 0.210  | 0.05 | ug/L  | 0.250          |                  | 84.2 47-122    | 3.47 | 30           |       |
| Heptachlor Epoxide                                                       | 0.242  | 0.05 | ug/L  | 0.250          |                  | 96.6 50-123    | 4.69 | 30           |       |
| Endosulfan I                                                             | 0.230  | 0.05 | ug/L  | 0.250          |                  | 91.9 55-124    | 4.36 | 30           |       |
| 4,4'-DDE                                                                 | 0.212  | 0.05 | ug/L  | 0.250          |                  | 84.8 49-141    | 2.20 | 30           |       |
| Dieldrin                                                                 | 0.221  | 0.05 | ug/L  | 0.250          |                  | 88.3 50-118    | 4.50 | 30           |       |
| Endrin                                                                   | 0.242  | 0.05 | ug/L  | 0.250          |                  | 96.7 39-170    | 5.48 | 30           |       |
| 4,4'-DDD                                                                 | 0.216  | 0.05 | ug/L  | 0.250          |                  | 86.2 59-135    | 5.09 | 30           |       |
| Endosulfan II                                                            | 0.228  | 0.05 | ug/L  | 0.250          |                  | 91.2 56-127    | 5.37 | 30           |       |
| 4,4'-DDT                                                                 | 0.229  | 0.05 | ug/L  | 0.250          |                  | 91.6 67-150    | 7.41 | 30           |       |
| Endrin Aldehyde                                                          | 0.192  | 0.05 | ug/L  | 0.250          |                  | 76.8 57-125    | 25.0 | 30           |       |
| Endosulfan Sulfate                                                       | 0.227  | 0.05 | ug/L  | 0.250          |                  | 90.9 53-131    | 6.12 | 30           |       |
| Methoxychlor                                                             | 0.218  | 0.05 | ug/L  | 0.250          |                  | 87.2 63-153    | 4.89 | 30           |       |
| Surrogate: Tetrachloro-m-xylene                                          | 0.493  |      | ug/L  | 0.600          |                  | 82.1 40-116    |      |              |       |
| Determination of<br>Polychlorinated Biphenyls<br>(PCB)                   | Result | RL   | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD  | RPD<br>Limit | Notes |
| Batch 11C0790 - 3510C NP/OC Sep Fnl - EPA 8082                           |        |      |       |                |                  |                |      |              |       |
| Blank (11C0790-BLK1) Prepared: 03/17/25 14:24 Analyzed: 03/21/25 11:31   |        |      |       |                |                  |                |      |              |       |





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| Determination of                                 | Result | RL    | Units | Spike Level                                            | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|--------------------------------------------------|--------|-------|-------|--------------------------------------------------------|---------------|------|-------------|------|-----------|-------|
| Polychlorinated Biphenyls (PCB)                  |        |       |       |                                                        |               |      |             |      |           |       |
| Batch 11C0790 - 3510C NP/OC Sep Fnl - EPA 8082   |        |       |       |                                                        |               |      |             |      |           |       |
| Blank (11C0790-BLK1)                             |        |       |       | Prepared: 03/17/25 14:24 Analyzed: 03/21/25 11:31      |               |      |             |      |           |       |
| Arochlor 1016                                    | <0.20  | 0.20  | ug/L  |                                                        |               |      |             |      |           |       |
| Arochlor 1221                                    | <0.20  | 0.20  | ug/L  |                                                        |               |      |             |      |           |       |
| Arochlor 1232                                    | <0.20  | 0.20  | ug/L  |                                                        |               |      |             |      |           |       |
| Arochlor 1242                                    | <0.20  | 0.20  | ug/L  |                                                        |               |      |             |      |           |       |
| Arochlor 1248                                    | <0.20  | 0.20  | ug/L  |                                                        |               |      |             |      |           |       |
| Arochlor 1254                                    | <0.20  | 0.20  | ug/L  |                                                        |               |      |             |      |           |       |
| Arochlor 1260                                    | <0.20  | 0.20  | ug/L  |                                                        |               |      |             |      |           |       |
| Surrogate: Tetrachloro-m-xylene                  | 0.478  |       | ug/L  | 0.600                                                  |               | 79.6 | 37-120      |      |           |       |
| Surrogate: Decachlorobiphenyl                    | 0.582  |       | ug/L  | 0.600                                                  |               | 97.0 | 22-116      |      |           |       |
| LCS (11C0790-BS1)                                |        |       |       | Prepared: 03/17/25 14:24 Analyzed: 03/21/25 12:00      |               |      |             |      |           |       |
| Arochlor 1016                                    | 2.283  | 0.20  | ug/L  | 2.60                                                   |               | 87.8 | 42-132      |      |           |       |
| Arochlor 1260                                    | 2.425  | 0.20  | ug/L  | 2.60                                                   |               | 93.3 | 50-139      |      |           |       |
| Surrogate: Tetrachloro-m-xylene                  | 0.531  |       | ug/L  | 0.600                                                  |               | 88.5 | 37-120      |      |           |       |
| Surrogate: Decachlorobiphenyl                    | 0.555  |       | ug/L  | 0.600                                                  |               | 92.5 | 22-116      |      |           |       |
| LCS Dup (11C0790-BSD1)                           |        |       |       | Prepared: 03/17/25 14:24 Analyzed: 03/21/25 12:15      |               |      |             |      |           |       |
| Arochlor 1016                                    | 2.386  | 0.20  | ug/L  | 2.60                                                   |               | 91.8 | 42-132      | 4.40 | 20        |       |
| Arochlor 1260                                    | 2.565  | 0.20  | ug/L  | 2.60                                                   |               | 98.7 | 50-139      | 5.59 | 24        |       |
| Surrogate: Tetrachloro-m-xylene                  | 0.577  |       | ug/L  | 0.600                                                  |               | 96.2 | 37-120      |      |           |       |
| Surrogate: Decachlorobiphenyl                    | 0.586  |       | ug/L  | 0.600                                                  |               | 97.7 | 22-116      |      |           |       |
| Determination of                                 | Result | RL    | Units | Spike Level                                            | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
| Conventional Chemistry Parameters                |        |       |       |                                                        |               |      |             |      |           |       |
| Batch 11C0760 - Wet Chem Preparation - EPA 376.2 |        |       |       |                                                        |               |      |             |      |           |       |
| Blank (11C0760-BLK1)                             |        |       |       | Prepared & Analyzed: 03/17/25 09:28                    |               |      |             |      |           |       |
| Sulfide, total                                   | <0.10  | 0.10  | mg/L  |                                                        |               |      |             |      |           |       |
| LCS (11C0760-BS1)                                |        |       |       | Prepared & Analyzed: 03/17/25 09:28                    |               |      |             |      |           |       |
| Sulfide, total                                   | 0.263  | 0.10  | mg/L  | 0.31                                                   |               | 83.4 | 56-118      |      |           |       |
| Matrix Spike (11C0760-MS1)                       |        |       |       | Source: 11C0696-01 Prepared & Analyzed: 03/17/25 09:28 |               |      |             |      |           |       |
| Sulfide, total                                   | 0.471  | 0.30  | mg/L  | 0.94                                                   | ND            | 49.9 | 50-150      |      |           | M2    |
| Matrix Spike Dup (11C0760-MSD1)                  |        |       |       | Source: 11C0696-01 Prepared & Analyzed: 03/17/25 09:28 |               |      |             |      |           |       |
| Sulfide, total                                   | 0.493  | 0.30  | mg/L  | 0.94                                                   | ND            | 52.2 | 50-150      | 4.55 | 30        |       |
| Batch 11C0986 - Wet Chem Preparation - EPA 9014  |        |       |       |                                                        |               |      |             |      |           |       |
| Blank (11C0986-BLK1)                             |        |       |       | Prepared: 03/20/25 07:16 Analyzed: 03/21/25 09:08      |               |      |             |      |           |       |
| Cyanide, total                                   | <0.010 | 0.010 | mg/L  |                                                        |               |      |             |      |           |       |
| LCS (11C0986-BS1)                                |        |       |       | Prepared: 03/20/25 07:16 Analyzed: 03/21/25 09:08      |               |      |             |      |           |       |



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| Determination of Conventional Chemistry Parameters             | Result  | RL     | Units | Spike Level                                                          | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|----------------------------------------------------------------|---------|--------|-------|----------------------------------------------------------------------|---------------|------|-------------|------|-----------|-------|
| Batch 1IC0986 - Wet Chem Preparation - EPA 9014                |         |        |       |                                                                      |               |      |             |      |           |       |
| LCS (1IC0986-BS1)                                              |         |        |       | Prepared: 03/20/25 07:16 Analyzed: 03/21/25 09:08                    |               |      |             |      |           |       |
| Cyanide, total                                                 | 0.0163  | 0.010  | mg/L  | 0.0200                                                               |               | 81.4 | 66-127      |      |           |       |
| Matrix Spike (1IC0986-MS1)                                     |         |        |       | Source: 1IC0827-03 Prepared: 03/20/25 07:16 Analyzed: 03/21/25 09:08 |               |      |             |      |           |       |
| Cyanide, total                                                 | 0.0170  | 0.010  | mg/L  | 0.0200                                                               | ND            | 85.0 | 56-132      |      |           |       |
| Matrix Spike Dup (1IC0986-MSD1)                                |         |        |       | Source: 1IC0827-03 Prepared: 03/20/25 07:16 Analyzed: 03/21/25 09:08 |               |      |             |      |           |       |
| Cyanide, total                                                 | 0.0159  | 0.010  | mg/L  | 0.0200                                                               | ND            | 79.6 | 56-132      | 6.57 | 28        |       |
| Determination of Total Metals                                  | Result  | RL     | Units | Spike Level                                                          | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
| Batch 1IC0734 - EPA 3005A Total Recoverable Metals - EPA 6020A |         |        |       |                                                                      |               |      |             |      |           |       |
| Blank (1IC0734-BLK1)                                           |         |        |       | Prepared: 03/14/25 15:55 Analyzed: 03/19/25 22:39                    |               |      |             |      |           |       |
| Antimony, total                                                | <0.0020 | 0.0020 | mg/L  |                                                                      |               |      |             |      |           |       |
| Arsenic, total                                                 | <0.0040 | 0.0040 | mg/L  |                                                                      |               |      |             |      |           |       |
| Barium, total                                                  | <0.0040 | 0.0040 | mg/L  |                                                                      |               |      |             |      |           |       |
| Beryllium, total                                               | <0.0040 | 0.0040 | mg/L  |                                                                      |               |      |             |      |           |       |
| Cadmium, total                                                 | <0.0008 | 0.0008 | mg/L  |                                                                      |               |      |             |      |           |       |
| Chromium, total                                                | <0.0080 | 0.0080 | mg/L  |                                                                      |               |      |             |      |           |       |
| Cobalt, total                                                  | <0.0004 | 0.0004 | mg/L  |                                                                      |               |      |             |      |           |       |
| Copper, total                                                  | <0.0040 | 0.0040 | mg/L  |                                                                      |               |      |             |      |           |       |
| Lead, total                                                    | <0.0040 | 0.0040 | mg/L  |                                                                      |               |      |             |      |           |       |
| Nickel, total                                                  | <0.0040 | 0.0040 | mg/L  |                                                                      |               |      |             |      |           |       |
| Selenium, total                                                | <0.0040 | 0.0040 | mg/L  |                                                                      |               |      |             |      |           |       |
| Silver, total                                                  | <0.0040 | 0.0040 | mg/L  |                                                                      |               |      |             |      |           |       |
| Thallium, total                                                | <0.0020 | 0.0020 | mg/L  |                                                                      |               |      |             |      |           |       |
| Tin, total                                                     | <0.0200 | 0.0200 | mg/L  |                                                                      |               |      |             |      |           |       |
| Vanadium, total                                                | <0.0200 | 0.0200 | mg/L  |                                                                      |               |      |             |      |           |       |
| Zinc, total                                                    | <0.0200 | 0.0200 | mg/L  |                                                                      |               |      |             |      |           |       |
| LCS (1IC0734-BS1)                                              |         |        |       | Prepared: 03/14/25 15:55 Analyzed: 03/19/25 22:45                    |               |      |             |      |           |       |
| Antimony, total                                                | 0.0898  | 0.0020 | mg/L  | 0.100                                                                |               | 89.8 | 80-120      |      |           |       |
| Arsenic, total                                                 | 0.0944  | 0.0040 | mg/L  | 0.100                                                                |               | 94.4 | 80-120      |      |           |       |
| Barium, total                                                  | 0.105   | 0.0040 | mg/L  | 0.100                                                                |               | 105  | 80-120      |      |           |       |
| Beryllium, total                                               | 0.0929  | 0.0040 | mg/L  | 0.100                                                                |               | 92.9 | 80-120      |      |           |       |
| Cadmium, total                                                 | 0.0932  | 0.0008 | mg/L  | 0.100                                                                |               | 93.2 | 80-120      |      |           |       |
| Chromium, total                                                | 0.0931  | 0.0080 | mg/L  | 0.100                                                                |               | 93.1 | 80-120      |      |           |       |
| Cobalt, total                                                  | 0.103   | 0.0004 | mg/L  | 0.100                                                                |               | 103  | 80-120      |      |           |       |
| Copper, total                                                  | 0.101   | 0.0040 | mg/L  | 0.100                                                                |               | 101  | 80-120      |      |           |       |
| Lead, total                                                    | 0.0957  | 0.0040 | mg/L  | 0.100                                                                |               | 95.7 | 80-120      |      |           |       |
| Nickel, total                                                  | 0.102   | 0.0040 | mg/L  | 0.100                                                                |               | 102  | 80-120      |      |           |       |
| Selenium, total                                                | 0.0947  | 0.0040 | mg/L  | 0.100                                                                |               | 94.7 | 80-120      |      |           |       |
| Silver, total                                                  | 0.0964  | 0.0040 | mg/L  | 0.100                                                                |               | 96.4 | 80-120      |      |           |       |
| Thallium, total                                                | 0.0934  | 0.0020 | mg/L  | 0.100                                                                |               | 93.4 | 80-120      |      |           |       |
| Tin, total                                                     | 0.0937  | 0.0200 | mg/L  | 0.100                                                                |               | 93.7 | 80-120      |      |           |       |

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| Determination of Total Metals                                  | Result | RL     | Units | Spike Level                                       | Source Result                                     | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|----------------------------------------------------------------|--------|--------|-------|---------------------------------------------------|---------------------------------------------------|------|-------------|------|-----------|-------|
| Batch 1IC0734 - EPA 3005A Total Recoverable Metals - EPA 6020A |        |        |       |                                                   |                                                   |      |             |      |           |       |
| LCS (1IC0734-BS1)                                              |        |        |       | Prepared: 03/14/25 15:55 Analyzed: 03/19/25 22:45 |                                                   |      |             |      |           |       |
| Vanadium, total                                                | 0.0979 | 0.0200 | mg/L  | 0.100                                             |                                                   | 97.9 | 80-120      |      |           |       |
| Zinc, total                                                    | 0.0949 | 0.0200 | mg/L  | 0.100                                             |                                                   | 94.9 | 80-120      |      |           |       |
| Matrix Spike (1IC0734-MS1)                                     |        |        |       | Source: 1IC0851-01                                | Prepared: 03/14/25 15:55 Analyzed: 03/19/25 23:10 |      |             |      |           |       |
| Antimony, total                                                | 0.0920 | 0.0020 | mg/L  | 0.100                                             | ND                                                | 92.0 | 75-125      |      |           |       |
| Arsenic, total                                                 | 0.104  | 0.0040 | mg/L  | 0.100                                             | 0.0089                                            | 95.4 | 75-125      |      |           |       |
| Barium, total                                                  | 0.231  | 0.0040 | mg/L  | 0.100                                             | 0.126                                             | 105  | 75-125      |      |           |       |
| Beryllium, total                                               | 0.0868 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 86.8 | 75-125      |      |           |       |
| Cadmium, total                                                 | 0.0886 | 0.0008 | mg/L  | 0.100                                             | ND                                                | 88.6 | 75-125      |      |           |       |
| Chromium, total                                                | 0.0891 | 0.0080 | mg/L  | 0.100                                             | ND                                                | 89.1 | 75-125      |      |           |       |
| Cobalt, total                                                  | 0.108  | 0.0004 | mg/L  | 0.100                                             | 0.0103                                            | 97.5 | 75-125      |      |           |       |
| Copper, total                                                  | 0.0897 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 89.7 | 75-125      |      |           |       |
| Lead, total                                                    | 0.0883 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 88.3 | 75-125      |      |           |       |
| Nickel, total                                                  | 0.103  | 0.0040 | mg/L  | 0.100                                             | 0.0088                                            | 94.3 | 75-125      |      |           |       |
| Selenium, total                                                | 0.0947 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 94.7 | 75-125      |      |           |       |
| Silver, total                                                  | 0.0925 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 92.5 | 75-125      |      |           |       |
| Thallium, total                                                | 0.0901 | 0.0020 | mg/L  | 0.100                                             | 0.0003                                            | 89.8 | 75-125      |      |           |       |
| Tin, total                                                     | 0.0925 | 0.0200 | mg/L  | 0.100                                             | ND                                                | 92.5 | 75-125      |      |           |       |
| Vanadium, total                                                | 0.0944 | 0.0200 | mg/L  | 0.100                                             | ND                                                | 94.4 | 75-125      |      |           |       |
| Zinc, total                                                    | 0.0922 | 0.0200 | mg/L  | 0.100                                             | ND                                                | 92.2 | 75-125      |      |           |       |
| Matrix Spike Dup (1IC0734-MSD1)                                |        |        |       | Source: 1IC0851-01                                | Prepared: 03/14/25 15:55 Analyzed: 03/19/25 23:16 |      |             |      |           |       |
| Antimony, total                                                | 0.0953 | 0.0020 | mg/L  | 0.100                                             | ND                                                | 95.3 | 75-125      | 3.47 | 20        |       |
| Arsenic, total                                                 | 0.109  | 0.0040 | mg/L  | 0.100                                             | 0.0089                                            | 101  | 75-125      | 4.81 | 20        |       |
| Barium, total                                                  | 0.244  | 0.0040 | mg/L  | 0.100                                             | 0.126                                             | 118  | 75-125      | 5.44 | 20        |       |
| Beryllium, total                                               | 0.0894 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 89.4 | 75-125      | 2.92 | 20        |       |
| Cadmium, total                                                 | 0.0939 | 0.0008 | mg/L  | 0.100                                             | ND                                                | 93.9 | 75-125      | 5.84 | 20        |       |
| Chromium, total                                                | 0.0935 | 0.0080 | mg/L  | 0.100                                             | ND                                                | 93.5 | 75-125      | 4.87 | 20        |       |
| Cobalt, total                                                  | 0.113  | 0.0004 | mg/L  | 0.100                                             | 0.0103                                            | 103  | 75-125      | 4.84 | 20        |       |
| Copper, total                                                  | 0.0938 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 93.8 | 75-125      | 4.47 | 20        |       |
| Lead, total                                                    | 0.0921 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 92.1 | 75-125      | 4.21 | 20        |       |
| Nickel, total                                                  | 0.107  | 0.0040 | mg/L  | 0.100                                             | 0.0088                                            | 98.4 | 75-125      | 3.86 | 20        |       |
| Selenium, total                                                | 0.0999 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 99.9 | 75-125      | 5.33 | 20        |       |
| Silver, total                                                  | 0.0985 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 98.5 | 75-125      | 6.27 | 20        |       |
| Thallium, total                                                | 0.0942 | 0.0020 | mg/L  | 0.100                                             | 0.0003                                            | 94.0 | 75-125      | 4.47 | 20        |       |
| Tin, total                                                     | 0.0982 | 0.0200 | mg/L  | 0.100                                             | ND                                                | 98.2 | 75-125      | 5.89 | 20        |       |
| Vanadium, total                                                | 0.100  | 0.0200 | mg/L  | 0.100                                             | ND                                                | 100  | 75-125      | 5.95 | 20        |       |
| Zinc, total                                                    | 0.0953 | 0.0200 | mg/L  | 0.100                                             | ND                                                | 95.3 | 75-125      | 3.38 | 20        |       |
| Post Spike (1IC0734-PS1)                                       |        |        |       | Source: 1IC0851-01                                | Prepared: 03/14/25 15:55 Analyzed: 03/19/25 23:22 |      |             |      |           |       |
| Antimony, total                                                | 0.0756 |        | mg/L  | 0.0800                                            | 0.0001                                            | 94.3 | 80-120      |      |           |       |
| Arsenic, total                                                 | 0.0881 |        | mg/L  | 0.0800                                            | 0.0087                                            | 99.3 | 80-120      |      |           |       |
| Barium, total                                                  | 0.214  |        | mg/L  | 0.0800                                            | 0.123                                             | 113  | 80-120      |      |           |       |
| Beryllium, total                                               | 0.0699 |        | mg/L  | 0.0800                                            | 0.00003                                           | 87.3 | 80-120      |      |           |       |
| Cadmium, total                                                 | 0.0736 |        | mg/L  | 0.0800                                            | 0.00002                                           | 92.0 | 80-120      |      |           |       |
| Chromium, total                                                | 0.0744 |        | mg/L  | 0.0800                                            | 0.0004                                            | 92.5 | 80-120      |      |           |       |

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| Determination of Total Metals                                                                 | Result  | RL     | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------------------------------------------------------------------|---------|--------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1IC0734 - EPA 3005A Total Recoverable Metals - EPA 6020A                                |         |        |       |             |               |      |             |     |           |       |
| Post Spike (1IC0734-PS1) Source: 1IC0851-01 Prepared: 03/14/25 15:55 Analyzed: 03/19/25 23:22 |         |        |       |             |               |      |             |     |           |       |
| Cobalt, total                                                                                 | 0.0948  |        | mg/L  | 0.0800      | 0.0101        | 106  | 80-120      |     |           |       |
| Copper, total                                                                                 | 0.0755  |        | mg/L  | 0.0800      | 0.0003        | 93.9 | 80-120      |     |           |       |
| Lead, total                                                                                   | 0.0738  |        | mg/L  | 0.0800      | 0.00006       | 92.2 | 80-120      |     |           |       |
| Nickel, total                                                                                 | 0.0899  |        | mg/L  | 0.0800      | 0.0087        | 102  | 80-120      |     |           |       |
| Selenium, total                                                                               | 0.0764  |        | mg/L  | 0.0800      | 0.0003        | 95.2 | 80-120      |     |           |       |
| Silver, total                                                                                 | 0.0787  |        | mg/L  | 0.0800      | -0.00003      | 98.4 | 80-120      |     |           |       |
| Thallium, total                                                                               | 0.0753  |        | mg/L  | 0.0800      | 0.0003        | 93.8 | 80-120      |     |           |       |
| Tin, total                                                                                    | 0.0802  |        | mg/L  | 0.0800      | -0.00009      | 100  | 75-125      |     |           |       |
| Vanadium, total                                                                               | 0.0809  |        | mg/L  | 0.0800      | 0.0034        | 96.9 | 80-120      |     |           |       |
| Zinc, total                                                                                   | 0.0790  |        | mg/L  | 0.0800      | 0.0068        | 90.2 | 80-120      |     |           |       |
| Batch 1IC0736 - EPA 3005A Total Recoverable Metals - EPA 6020A                                |         |        |       |             |               |      |             |     |           |       |
| Blank (1IC0736-BLK1) Prepared: 03/14/25 16:00 Analyzed: 03/20/25 01:49                        |         |        |       |             |               |      |             |     |           |       |
| Antimony, total                                                                               | <0.0020 | 0.0020 | mg/L  |             |               |      |             |     |           |       |
| Arsenic, total                                                                                | <0.0040 | 0.0040 | mg/L  |             |               |      |             |     |           |       |
| Barium, total                                                                                 | <0.0040 | 0.0040 | mg/L  |             |               |      |             |     |           |       |
| Beryllium, total                                                                              | <0.0040 | 0.0040 | mg/L  |             |               |      |             |     |           |       |
| Cadmium, total                                                                                | <0.0008 | 0.0008 | mg/L  |             |               |      |             |     |           |       |
| Chromium, total                                                                               | <0.0080 | 0.0080 | mg/L  |             |               |      |             |     |           |       |
| Cobalt, total                                                                                 | <0.0004 | 0.0004 | mg/L  |             |               |      |             |     |           |       |
| Copper, total                                                                                 | <0.0040 | 0.0040 | mg/L  |             |               |      |             |     |           |       |
| Lead, total                                                                                   | <0.0040 | 0.0040 | mg/L  |             |               |      |             |     |           |       |
| Nickel, total                                                                                 | <0.0040 | 0.0040 | mg/L  |             |               |      |             |     |           |       |
| Selenium, total                                                                               | <0.0040 | 0.0040 | mg/L  |             |               |      |             |     |           |       |
| Silver, total                                                                                 | <0.0040 | 0.0040 | mg/L  |             |               |      |             |     |           |       |
| Thallium, total                                                                               | <0.0020 | 0.0020 | mg/L  |             |               |      |             |     |           |       |
| Vanadium, total                                                                               | <0.0200 | 0.0200 | mg/L  |             |               |      |             |     |           | B     |
| Zinc, total                                                                                   | <0.0200 | 0.0200 | mg/L  |             |               |      |             |     |           |       |
| LCS (1IC0736-BS1) Prepared: 03/14/25 16:00 Analyzed: 03/20/25 01:55                           |         |        |       |             |               |      |             |     |           |       |
| Antimony, total                                                                               | 0.0874  | 0.0020 | mg/L  | 0.100       |               | 87.4 | 80-120      |     |           |       |
| Arsenic, total                                                                                | 0.0929  | 0.0040 | mg/L  | 0.100       |               | 92.9 | 80-120      |     |           |       |
| Barium, total                                                                                 | 0.106   | 0.0040 | mg/L  | 0.100       |               | 106  | 80-120      |     |           |       |
| Beryllium, total                                                                              | 0.0921  | 0.0040 | mg/L  | 0.100       |               | 92.1 | 80-120      |     |           |       |
| Cadmium, total                                                                                | 0.0917  | 0.0008 | mg/L  | 0.100       |               | 91.7 | 80-120      |     |           |       |
| Chromium, total                                                                               | 0.0926  | 0.0080 | mg/L  | 0.100       |               | 92.6 | 80-120      |     |           |       |
| Cobalt, total                                                                                 | 0.103   | 0.0004 | mg/L  | 0.100       |               | 103  | 80-120      |     |           |       |
| Copper, total                                                                                 | 0.0996  | 0.0040 | mg/L  | 0.100       |               | 99.6 | 80-120      |     |           |       |
| Lead, total                                                                                   | 0.0974  | 0.0040 | mg/L  | 0.100       |               | 97.4 | 80-120      |     |           |       |
| Nickel, total                                                                                 | 0.102   | 0.0040 | mg/L  | 0.100       |               | 102  | 80-120      |     |           |       |
| Selenium, total                                                                               | 0.0967  | 0.0040 | mg/L  | 0.100       |               | 96.7 | 80-120      |     |           |       |
| Silver, total                                                                                 | 0.0977  | 0.0040 | mg/L  | 0.100       |               | 97.7 | 80-120      |     |           |       |
| Thallium, total                                                                               | 0.0962  | 0.0020 | mg/L  | 0.100       |               | 96.2 | 80-120      |     |           |       |
| Vanadium, total                                                                               | 0.0978  | 0.0200 | mg/L  | 0.100       |               | 97.8 | 80-120      |     |           |       |

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| Determination of Total Metals                                  | Result | RL     | Units | Spike Level                                       | Source Result                                     | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|----------------------------------------------------------------|--------|--------|-------|---------------------------------------------------|---------------------------------------------------|------|-------------|------|-----------|-------|
| Batch 1IC0736 - EPA 3005A Total Recoverable Metals - EPA 6020A |        |        |       |                                                   |                                                   |      |             |      |           |       |
| LCS (1IC0736-BS1)                                              |        |        |       | Prepared: 03/14/25 16:00 Analyzed: 03/20/25 01:55 |                                                   |      |             |      |           |       |
| Zinc, total                                                    | 0.0927 | 0.0200 | mg/L  | 0.100                                             |                                                   | 92.7 | 80-120      |      |           |       |
| Matrix Spike (1IC0736-MS1)                                     |        |        |       | Source: 1IC0852-01                                | Prepared: 03/14/25 16:00 Analyzed: 03/20/25 02:08 |      |             |      |           |       |
| Antimony, total                                                | 0.0896 | 0.0020 | mg/L  | 0.100                                             | ND                                                | 89.6 | 75-125      |      |           |       |
| Arsenic, total                                                 | 0.0982 | 0.0040 | mg/L  | 0.100                                             | 0.0022                                            | 96.0 | 75-125      |      |           |       |
| Barium, total                                                  | 0.303  | 0.0040 | mg/L  | 0.100                                             | 0.0541                                            | 249  | 75-125      |      |           | M1    |
| Beryllium, total                                               | 0.0903 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 90.3 | 75-125      |      |           |       |
| Cadmium, total                                                 | 0.0906 | 0.0008 | mg/L  | 0.100                                             | ND                                                | 90.6 | 75-125      |      |           |       |
| Chromium, total                                                | 0.0941 | 0.0080 | mg/L  | 0.100                                             | 0.0006                                            | 94.1 | 75-125      |      |           |       |
| Cobalt, total                                                  | 0.104  | 0.0004 | mg/L  | 0.100                                             | ND                                                | 104  | 75-125      |      |           |       |
| Copper, total                                                  | 0.0951 | 0.0040 | mg/L  | 0.100                                             | 0.0016                                            | 93.6 | 75-125      |      |           |       |
| Lead, total                                                    | 0.0921 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 92.1 | 75-125      |      |           |       |
| Nickel, total                                                  | 0.102  | 0.0040 | mg/L  | 0.100                                             | 0.0048                                            | 97.3 | 75-125      |      |           |       |
| Selenium, total                                                | 0.0943 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 94.3 | 75-125      |      |           |       |
| Silver, total                                                  | 0.0956 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 95.6 | 75-125      |      |           |       |
| Thallium, total                                                | 0.0931 | 0.0020 | mg/L  | 0.100                                             | 0.0003                                            | 92.8 | 75-125      |      |           |       |
| Vanadium, total                                                | 0.101  | 0.0200 | mg/L  | 0.100                                             | ND                                                | 101  | 75-125      |      |           |       |
| Zinc, total                                                    | 0.0983 | 0.0200 | mg/L  | 0.100                                             | ND                                                | 98.3 | 75-125      |      |           |       |
| Matrix Spike Dup (1IC0736-MSD1)                                |        |        |       | Source: 1IC0852-01                                | Prepared: 03/14/25 16:00 Analyzed: 03/20/25 02:08 |      |             |      |           |       |
| Antimony, total                                                | 0.0896 | 0.0020 | mg/L  | 0.100                                             | ND                                                | 89.6 | 75-125      | 0.00 | 20        |       |
| Arsenic, total                                                 | 0.0982 | 0.0040 | mg/L  | 0.100                                             | 0.0022                                            | 96.0 | 75-125      | 0.00 | 20        |       |
| Barium, total                                                  | 0.303  | 0.0040 | mg/L  | 0.100                                             | 0.0541                                            | 249  | 75-125      | 0.00 | 20        | M1    |
| Beryllium, total                                               | 0.0903 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 90.3 | 75-125      | 0.00 | 20        |       |
| Cadmium, total                                                 | 0.0906 | 0.0008 | mg/L  | 0.100                                             | ND                                                | 90.6 | 75-125      | 0.00 | 20        |       |
| Chromium, total                                                | 0.0941 | 0.0080 | mg/L  | 0.100                                             | 0.0006                                            | 94.1 | 75-125      | 0.00 | 20        |       |
| Cobalt, total                                                  | 0.104  | 0.0004 | mg/L  | 0.100                                             | ND                                                | 104  | 75-125      | 0.00 | 20        |       |
| Copper, total                                                  | 0.0951 | 0.0040 | mg/L  | 0.100                                             | 0.0016                                            | 93.6 | 75-125      | 0.00 | 20        |       |
| Lead, total                                                    | 0.0921 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 92.1 | 75-125      | 0.00 | 20        |       |
| Nickel, total                                                  | 0.102  | 0.0040 | mg/L  | 0.100                                             | 0.0048                                            | 97.3 | 75-125      | 0.00 | 20        |       |
| Selenium, total                                                | 0.0943 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 94.3 | 75-125      | 0.00 | 20        |       |
| Silver, total                                                  | 0.0956 | 0.0040 | mg/L  | 0.100                                             | ND                                                | 95.6 | 75-125      | 0.00 | 20        |       |
| Thallium, total                                                | 0.0931 | 0.0020 | mg/L  | 0.100                                             | 0.0003                                            | 92.8 | 75-125      | 0.00 | 20        |       |
| Vanadium, total                                                | 0.101  | 0.0200 | mg/L  | 0.100                                             | ND                                                | 101  | 75-125      | 0.00 | 20        |       |
| Zinc, total                                                    | 0.0983 | 0.0200 | mg/L  | 0.100                                             | ND                                                | 98.3 | 75-125      | 0.00 | 20        |       |
| Post Spike (1IC0736-PS1)                                       |        |        |       | Source: 1IC0852-01                                | Prepared: 03/14/25 16:00 Analyzed: 03/20/25 02:20 |      |             |      |           |       |
| Antimony, total                                                | 0.0728 |        | mg/L  | 0.0800                                            | 0.0001                                            | 90.8 | 80-120      |      |           |       |
| Arsenic, total                                                 | 0.0796 |        | mg/L  | 0.0800                                            | 0.0021                                            | 96.8 | 80-120      |      |           |       |
| Barium, total                                                  | 0.275  |        | mg/L  | 0.0800                                            | 0.0531                                            | 277  | 80-120      |      |           | M1    |
| Beryllium, total                                               | 0.0742 |        | mg/L  | 0.0800                                            | -0.00001                                          | 92.8 | 80-120      |      |           |       |
| Cadmium, total                                                 | 0.0736 |        | mg/L  | 0.0800                                            | 0.00005                                           | 91.9 | 80-120      |      |           |       |
| Chromium, total                                                | 0.0785 |        | mg/L  | 0.0800                                            | 0.0006                                            | 97.4 | 80-120      |      |           |       |
| Cobalt, total                                                  | 0.0831 |        | mg/L  | 0.0800                                            | 0.0002                                            | 104  | 80-120      |      |           |       |
| Copper, total                                                  | 0.0760 |        | mg/L  | 0.0800                                            | 0.0016                                            | 93.0 | 80-120      |      |           |       |
| Lead, total                                                    | 0.0751 |        | mg/L  | 0.0800                                            | 0.00004                                           | 93.8 | 80-120      |      |           |       |

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CERTIFICATE OF ANALYSIS

1IC0851

| Determination of Total Metals                                  | Result   | RL                                                | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|----------------------------------------------------------------|----------|---------------------------------------------------|-------|---------------------------------------------------|---------------|------|-------------|------|-----------|-------|
| Batch 1IC0736 - EPA 3005A Total Recoverable Metals - EPA 6020A |          |                                                   |       |                                                   |               |      |             |      |           |       |
| Post Spike (1IC0736-PS1)                                       |          | Source: 1IC0852-01                                |       | Prepared: 03/14/25 16:00 Analyzed: 03/20/25 02:20 |               |      |             |      |           |       |
| Nickel, total                                                  | 0.0822   |                                                   | mg/L  | 0.0800                                            | 0.0047        | 96.8 | 80-120      |      |           |       |
| Selenium, total                                                | 0.0759   |                                                   | mg/L  | 0.0800                                            | 0.0004        | 94.4 | 80-120      |      |           |       |
| Silver, total                                                  | 0.0767   |                                                   | mg/L  | 0.0800                                            | -0.0001       | 95.8 | 80-120      |      |           |       |
| Thallium, total                                                | 0.0758   |                                                   | mg/L  | 0.0800                                            | 0.0003        | 94.4 | 80-120      |      |           |       |
| Vanadium, total                                                | 0.0864   |                                                   | mg/L  | 0.0800                                            | 0.0085        | 97.4 | 80-120      |      |           |       |
| Zinc, total                                                    | 0.0780   |                                                   | mg/L  | 0.0800                                            | 0.0057        | 90.4 | 80-120      |      |           |       |
| Batch 1IC1060 - EPA 7470A Hg Water - EPA 7470A                 |          |                                                   |       |                                                   |               |      |             |      |           |       |
| Blank (1IC1060-BLK1)                                           |          | Prepared: 03/20/25 15:36 Analyzed: 03/21/25 14:59 |       |                                                   |               |      |             |      |           |       |
| Mercury, total                                                 | <0.00050 | 0.00050                                           | mg/L  |                                                   |               |      |             |      |           |       |
| LCS (1IC1060-BS1)                                              |          | Prepared: 03/20/25 15:36 Analyzed: 03/21/25 15:01 |       |                                                   |               |      |             |      |           |       |
| Mercury, total                                                 | 0.00299  | 0.00050                                           | mg/L  | 0.00250                                           |               | 120  | 80-120      |      |           |       |
| Matrix Spike (1IC1060-MS1)                                     |          | Source: 1IC1029-01                                |       | Prepared: 03/20/25 15:36 Analyzed: 03/21/25 15:31 |               |      |             |      |           |       |
| Mercury, total                                                 | 0.00312  | 0.00050                                           | mg/L  | 0.00250                                           | ND            | 125  | 75-125      |      |           |       |
| Matrix Spike Dup (1IC1060-MSD1)                                |          | Source: 1IC1029-01                                |       | Prepared: 03/20/25 15:36 Analyzed: 03/21/25 15:33 |               |      |             |      |           |       |
| Mercury, total                                                 | 0.00306  | 0.00050                                           | mg/L  | 0.00250                                           | ND            | 123  | 75-125      | 1.66 | 20        |       |

Definitions

|      |                                                                                          |
|------|------------------------------------------------------------------------------------------|
| AC:  | Out of hold due to instrument malfunction                                                |
| B:   | The target analyte was detected in the blank at or above the method acceptance criteria. |
| M1:  | Matrix spike recovery is above acceptance limits.                                        |
| M2:  | Matrix spike recovery is below acceptance limits.                                        |
| Q3:  | LCS recovery is below acceptance limits. The reported value is estimated.                |
| R1:  | Duplicate RPD is outside acceptance criteria.                                            |
| RL:  | Reporting Limit                                                                          |
| RPD: | Relative Percent Difference                                                              |
| S2:  | Surrogate recovery is below acceptance limits.                                           |

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 0.0°C

Cooler Inspection Checklist

|                  |     |                        |     |
|------------------|-----|------------------------|-----|
| Custody Seals    | No  | Containers Intact      | Yes |
| COC/Labels Agree | Yes | Preservation Confirmed | No  |
| Received On Ice  | Yes |                        |     |



Microbac Laboratories, Inc., Newton

CERTIFICATE OF ANALYSIS

1IC0851

Report Comments

*The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.*

Reviewed and Approved By:

Heather Murphy  
Customer Relationship Specialist  
heather.murphy@microbac.com  
03/31/25 08:12





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Newton, IA 50  
641-792-8451



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HLW Engineering  
PM: Heather Murphy

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### SITE INFORMATION

Sampler: TODD WHIPPLE

Project: City of Newton SLF-New Regs-COC1  
6002

### SPECIAL INSTRUCTIONS

None

### Turn Around Time

☐ Standard ☐ RUSH, need by \_\_\_/\_\_\_/\_\_\_

### REPORT TO

Todd Whipple  
HLW Engineering  
204 West Broad St  
Story City, IA 50248

### INVOICE TO

Joe Grife  
City of Newton  
403 W 4th St N Ste 501  
Newton, IA 50208

### LAB USE ONLY

Work Order 1IC0851

Temperature 0.0

Turn-Cooler: No

☐ Custody Seal  
☒ Containers Intact  
☒ COC/Labels Agree  
☒ Preservation Confirmed  
☒ Received on Ice

| Number | Sample Identification / Client ID | Matrix  | Sample Type | Date           | Time         | Number of Containers | Analyses                                       | Lab Sample Number |
|--------|-----------------------------------|---------|-------------|----------------|--------------|----------------------|------------------------------------------------|-------------------|
| -001   | MW-45R <u>Dry</u>                 | Aqueous | GRAB        | <u>3/12/25</u> | <u>—</u>     | <u>0</u>             | Indfill-app1-voc-group Indfil-app1-metals-6020 | <u>—</u>          |
| -001   | MW-44                             | Aqueous | GRAB        | <u>3/12/25</u> | <u>13:19</u> | <u>17</u>            | Indfil-app2-inorg-6020 Indfil-app2-org         | <u>01</u>         |
| -001   | MW-57                             | Aqueous | GRAB        | <u>3/12/25</u> | <u>14:22</u> | <u>17</u>            | Indfil-app2-inorg-6020 Indfil-app2-org         | <u>02</u>         |
| -001   | MW-56                             | Aqueous | GRAB        | <u>3/12/25</u> | <u>13:57</u> | <u>7</u>             | Indfill-app1-voc-group Indfil-app1-metals-6020 | <u>03</u>         |
| -001   | MW-64                             | Aqueous | GRAB        | <u>3/12/25</u> | <u>14:11</u> | <u>7</u>             | Indfill-app1-voc-group Indfil-app1-metals-6020 | <u>04</u>         |
| -001   | MW-65                             | Aqueous | GRAB        | <u>3/12/25</u> | <u>13:45</u> | <u>7</u>             | Indfill-app1-voc-group Indfil-app1-metals-6020 | <u>05</u>         |
| -001   | SW-101R                           | Aqueous | GRAB        | <u>3/12/25</u> | <u>14:54</u> | <u>7</u>             | Indfill-app1-voc-group Indfil-app1-metals-6020 | <u>06</u>         |

Relinquished By Todd Whipple Date/Time 3/12/25

Relinquished By Nancy Hochstetler Date/Time 3/12/25 16:30

Received By \_\_\_\_\_ Date/Time \_\_\_\_\_

Received for Lab By \_\_\_\_\_ Date/Time \_\_\_\_\_

Remarks:

Original - Lab Copy Yellow - Sampler Copy





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Newton, IA 50208  
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HLW Engineering  
PM: Heather Murphy

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### SITE INFORMATION

Sampler: Todd Whipple

Project: City of Newton SLF-New Regs-COC1  
6002

### SPECIAL INSTRUCTIONS

None

### Turn Around Time

☐ Standard ☐ RUSH, need by \_\_\_/\_\_\_/\_\_\_

### REPORT TO

Todd Whipple  
HLW Engineering  
204 West Broad St  
Story City, IA 50248

### INVOICE TO

Joe Grife  
City of Newton  
403 W 4th St N Ste 501  
Newton, IA 50208

### LAB USE ONLY

Work Order 11C0851

Temperature 0.0

Turn-Cooler: No

- ☐ Custody Seal  
☒ Containers Intact  
☒ COC/Labels Agree  
☐ Preservation Confirmed  
☒ Received on Ice

| Number | Sample Identification / Client ID | Matrix  | Sample Type | Date           | Time         | Number of Containers | Analyses                                        | Lab Sample Number |
|--------|-----------------------------------|---------|-------------|----------------|--------------|----------------------|-------------------------------------------------|-------------------|
| -001   | PECS-1                            | Aqueous | GRAB        | <u>3/12/25</u> | <u>15:02</u> | <u>6</u>             | Indfill-app1-voc-group                          | <u>07</u>         |
| -001   | SW-102                            | Aqueous | GRAB        | <u>3/12/25</u> | <u>10:52</u> | <u>7</u>             | Indfill-app1-voc-group Indfill-app1-metals-6020 | <u>08</u>         |
| -001   | SW-103                            | Aqueous | GRAB        | <u>3/12/25</u> | <u>13:43</u> | <u>7</u>             | Indfill-app1-voc-group Indfill-app1-metals-6020 | <u>09</u>         |
| -001   | MW-48 (B)                         | Aqueous | GRAB        | <u>3/12/25</u> | <u>14:45</u> | <u>7</u>             | Indfill-app1-voc-group Indfill-app1-metals-6020 | <u>10</u>         |
| -001   | MW-39 (B)                         | Aqueous | GRAB        | <u>3/12/25</u> | <u>12:33</u> | <u>7</u>             | Indfill-app1-voc-group Indfill-app1-metals-6020 | <u>11</u>         |
| -001   | MW-78 (B)                         | Aqueous | GRAB        | <u>3/12/25</u> | <u>11:51</u> | <u>7</u>             | Indfill-app1-voc-group Indfill-app1-metals-6020 | <u>12</u>         |
| -001   | MW-62R                            | Aqueous | GRAB        | <u>3/12/25</u> | <u>12:04</u> | <u>17</u>            | Indfill-app2-inorg-6020 Indfill-app2-org        | <u>13</u>         |

Relinquished By Todd Whipple Date/Time 3/12/25

Relinquished By Amy Hochstetler Date/Time 3/12/25 16:30

Received By \_\_\_\_\_ Date/Time \_\_\_\_\_

Received for Lab By \_\_\_\_\_ Date/Time \_\_\_\_\_

Remarks:

Original - Lab Copy Yellow - Sampler Copy



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Newton, IA 502  
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HLW Engineering  
PM: Heather Murphy

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### SITE INFORMATION

Sampler: Todd Whipple

Project: City of Newton SLF-New Regs-COC1  
6002

### SPECIAL INSTRUCTIONS

None

### Turn Around Time

☐ Standard ☐ RUSH, need by \_\_\_/\_\_\_/\_\_\_

### REPORT TO

Todd Whipple  
HLW Engineering  
204 West Broad St  
Story City, IA 50248

### INVOICE TO

Joe Grife  
City of Newton  
403 W 4th St N Ste 501  
Newton, IA 50208

### LAB USE ONLY

Work Order

Temperature

Turn-Cooler: No

- ☐ Custody Seal  
☒ Containers Intact  
☒ COC/Labels Agree  
☒ Preservation Confirmed  
☒ Received on Ice

| Number | Sample Identification / Client ID | Matrix  | Sample Type | Date    | Time  | Number of Containers | Analyses                                      | Lab Sample Number |
|--------|-----------------------------------|---------|-------------|---------|-------|----------------------|-----------------------------------------------|-------------------|
| -001   | MW-79                             | Aqueous | GRAB        | 3/12/25 | 11:37 | 7                    | Indfil-app1-voc-group Indfil-app1-metals-6020 | 14                |
| -001   | MW-80                             | Aqueous | GRAB        | 3/12/25 | 11:13 | 17                   | Indfil-app2-inorg-6020 Indfil-app2-org        | 15                |
| -001   | MW-36                             | Aqueous | GRAB        | 3/12/25 | 12:47 | 7                    | Indfil-app1-voc-group Indfil-app1-metals-6020 | 16                |
| -001   | MW-41                             | Aqueous | GRAB        | 3/12/25 | 9:03  | 17                   | Indfil-app2-inorg-6020 Indfil-app2-org        | 17                |
| -001   | MW-42                             | Aqueous | GRAB        | 3/12/25 | 9:42  | 7                    | Indfil-app1-voc-group Indfil-app1-metals-6020 | 18                |
| -001   | MW-58                             | Aqueous | GRAB        | 3/12/25 | 10:00 | 17                   | Indfil-app2-inorg-6020 Indfil-app2-org        | 19                |
| -001   | MW-59                             | Aqueous | GRAB        | 3/12/25 | 10:29 | 17                   | Indfil-app2-inorg-6020 Indfil-app2-org        | 20                |

Relinquished By Case Whipple Date/Time 3/12/25

Received By \_\_\_\_\_ Date/Time \_\_\_\_\_

Relinquished By \_\_\_\_\_ Date/Time \_\_\_\_\_

Received for Lab By Amy Hochstetler Date/Time 3/12/25 16:30

Remarks:

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Newto  
641-79



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### SITE INFORMATION

Sampler: TODD WHIPPLE

Project: City of Newton SLF-New Regs-COC1  
6002

### SPECIAL INSTRUCTIONS

None

### Turn Around Time

☐ Standard ☐ RUSH, need by \_\_\_/\_\_\_/\_\_\_

### REPORT TO

Todd Whipple  
HLW Engineering  
204 West Broad St  
Story City, IA 50248

### INVOICE TO

Joe Grife  
City of Newton  
403 W 4th St N Ste 501  
Newton, IA 50208

### LAB USE ONLY

Work Order 1IC0851

Temperature 0.0

Turn-Cooler: No

- ☐ Custody Seal
- ☒ Containers Intact
- ☒ COC/Labels Agree
- ☐ Preservation Confirmed
- ☒ Received on Ice

| Number | Sample Identification / Client ID | Matrix  | Sample Type | Date           | Time         | Number of Containers | Analyses                                                               | Lab Sample Number |
|--------|-----------------------------------|---------|-------------|----------------|--------------|----------------------|------------------------------------------------------------------------|-------------------|
| -001   | MW-60                             | Aqueous | GRAB        | <u>3/12/25</u> | <u>8:38</u>  | <u>17</u>            | Indfil-app2-inorg-6020 Indfil-app2-org                                 | <u>21</u>         |
| -001   | MW-61                             | Aqueous | GRAB        | <u>3/12/25</u> | <u>12:59</u> | <u>7</u>             | Indfil-app1-voc-group Indfil-app1-metals-6020                          | <u>22</u>         |
| -001   | Duplicate                         | Aqueous | GRAB        | <u>3/12/25</u> | <u>✓</u>     | <u>1</u>             | Indfil-app1-voc-group <u>Metals</u> <del>Indfil-app1-metals-6020</del> | <u>23</u>         |

Relinquished By Todd Whipple Date/Time 3/12/25

Relinquished By Amy Hoehstetter Date/Time 3/12/25 16:30

Received By \_\_\_\_\_ Date/Time \_\_\_\_\_

Received for Lab By \_\_\_\_\_ Date/Time \_\_\_\_\_

Remarks:

Original - Lab Copy Yellow - Sampler Copy





Microbac Laboratories, Inc., Newton

CERTIFICATE OF ANALYSIS

1IF0223

Project Description

6002

For:

Todd Whipple

**HLW Engineering**

204 West Broad St

Story City, IA 50248

---

Heather Tisdale

Customer Relationship Specialist

Friday, June 27, 2025

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc., Newton. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

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Microbac Laboratories, Inc., Newton

CERTIFICATE OF ANALYSIS

11F0223

**HLW Engineering**

Todd Whipple  
204 West Broad St  
Story City, IA 50248

**Project Name: 6002**

Project / PO Number: N/A  
Received: 06/02/2025  
Reported: 06/27/2025

---

**Sample Summary Report**

| <u>Sample Name</u> | <u>Laboratory ID</u> | <u>Client Matrix</u> | <u>Sample Type</u> | <u>Sample Begin</u> | <u>Sample Taken</u> | <u>Lab Received</u> |
|--------------------|----------------------|----------------------|--------------------|---------------------|---------------------|---------------------|
| SW-101R            | 11F0223-01           | Aqueous              | GRAB               |                     | 06/02/25 09:40      | 06/02/25 10:55      |



Microbac Laboratories, Inc., Newton

CERTIFICATE OF ANALYSIS

11F0223

Analytical Testing Parameters

|                   |            |                  |                 |
|-------------------|------------|------------------|-----------------|
| Client Sample ID: | SW-101R    | Collected By:    | Whipple, Todd   |
| Sample Matrix:    | Aqueous    | Collection Date: | 06/02/2025 9:40 |
| Lab Sample ID:    | 11F0223-01 |                  |                 |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 06/21/25 1006 | 06/25/25 1832 | RVV     |





Microbac Laboratories, Inc., Newton

CERTIFICATE OF ANALYSIS

1IF0223

Batch Log Summary

| Method    | Batch   | Laboratory ID | Client / Source ID |
|-----------|---------|---------------|--------------------|
| EPA 6020A | 1IF1180 | 1IF1180-BLK1  |                    |
|           |         | 1IF1180-BS1   |                    |
|           |         | 1IF0223-01    | SW-101R            |
|           |         | 1IF1180-MS1   | 1IF1183-01         |
|           |         | 1IF1180-MSD1  | 1IF1183-01         |
|           |         | 1IF1180-PS1   | 1IF1183-01         |

Batch Quality Control Summary: Microbac Laboratories, Inc., Newton

| Determination of Total Metals                                  | Result  | RL     | Units | Spike Level                                                          | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|----------------------------------------------------------------|---------|--------|-------|----------------------------------------------------------------------|---------------|------|-------------|------|-----------|-------|
| Batch 1IF1180 - EPA 3005A Total Recoverable Metals - EPA 6020A |         |        |       |                                                                      |               |      |             |      |           |       |
| Blank (1IF1180-BLK1)                                           |         |        |       | Prepared: 06/21/25 10:06 Analyzed: 06/25/25 18:24                    |               |      |             |      |           |       |
| Copper, total                                                  | <0.0050 | 0.0050 | mg/L  |                                                                      |               |      |             |      |           |       |
| LCS (1IF1180-BS1)                                              |         |        |       | Prepared: 06/21/25 10:06 Analyzed: 06/25/25 18:27                    |               |      |             |      |           |       |
| Copper, total                                                  | 0.0950  | 0.0050 | mg/L  | 0.100                                                                |               | 95.0 | 80-120      |      |           |       |
| Matrix Spike (1IF1180-MS1)                                     |         |        |       | Source: 1IF1183-01 Prepared: 06/21/25 10:06 Analyzed: 06/25/25 18:42 |               |      |             |      |           |       |
| Copper, total                                                  | 0.0913  | 0.0050 | mg/L  | 0.100                                                                | ND            | 91.3 | 75-125      |      |           |       |
| Matrix Spike Dup (1IF1180-MSD1)                                |         |        |       | Source: 1IF1183-01 Prepared: 06/21/25 10:06 Analyzed: 06/25/25 18:44 |               |      |             |      |           |       |
| Copper, total                                                  | 0.0953  | 0.0050 | mg/L  | 0.100                                                                | ND            | 95.3 | 75-125      | 4.28 | 20        |       |
| Post Spike (1IF1180-PS1)                                       |         |        |       | Source: 1IF1183-01 Prepared: 06/21/25 10:06 Analyzed: 06/25/25 18:46 |               |      |             |      |           |       |
| Copper, total                                                  | 0.0192  |        | mg/L  | 0.0200                                                               | 0.0013        | 89.7 | 80-120      |      |           |       |

Definitions

RL: Reporting Limit  
RPD: Relative Percent Difference

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 0.0°C

Cooler Inspection Checklist

|                  |     |                        |     |
|------------------|-----|------------------------|-----|
| Custody Seals    | No  | Containers Intact      | Yes |
| COC/Labels Agree | Yes | Preservation Confirmed | No  |
| Received On Ice  | Yes |                        |     |

Report Comments

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.

Reviewed and Approved By:

Heather Tisdale  
Customer Relationship Specialist  
06/27/25 09:06

# CHAIN OF CUSTODY RECORD

**Keystone**  
LABORATORIES, INC.

☐ 600 E. 17th St. S.  
Newton, IA 50208  
Phone: 641-792-8451  
Fax: 641-792-7989

☐ 3012 Ansborough Ave.  
Waterloo, IA 50701  
Phone: 319-235-4440  
Fax: 319-235-2480



1 I F 0 2 2 3

HLW Engineering  
PM: Heather Murphy

anBuren St  
lle, IA 52544  
641-437-7023  
641-437-7040

GE 1 OF 1

Page 5 of 5

PRINT OR TYPE INFORMATION BELOW

SAMPLER: TODD WHIPPLE  
SITE NAME: NEWTON SLF  
ADDRESS: NEWTON, IA  
CITY/ST/ZIP: \_\_\_\_\_  
PHONE: \_\_\_\_\_

REPORT TO:

NAME: TODD WHIPPLE  
COMPANY NAME: HLW Engineering  
ADDRESS: 204 W BROAD ST. P.O BOX 31A  
CITY/ST/ZIP: STORY CITY, IA 50248  
PHONE: 515 733 4144  
FAX: 4146

BILL TO:

NAME: Joe GRIFF, PWD  
COMPANY NAME: CITY OF NEWTON  
ADDRESS: 403 W 4th ST N, Suite 501  
CITY/ST/ZIP: NEWTON, IA 50208  
PHONE: \_\_\_\_\_

Keystone Quote No: \_\_\_\_\_  
(If Applicable)

| CLIENT<br>SAMPLE NUMBER   | DATE   | TIME | SAMPLE LOCATION | NO. OF CONTAINERS | MATRIX | GRAB/COMPOSITE | ANALYSES REQUIRED |  |  |  |  |  |  |  |  |  | LAB USE ONLY |  |                                                     |  |
|---------------------------|--------|------|-----------------|-------------------|--------|----------------|-------------------|--|--|--|--|--|--|--|--|--|--------------|--|-----------------------------------------------------|--|
|                           |        |      |                 |                   |        |                | Copper, Total     |  |  |  |  |  |  |  |  |  |              |  | LABORATORY WORK ORDER NO.                           |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  | SAMPLE TEMPERATURE<br>UPON RECEIPT:<br>0.0 ice ✓ °C |  |
| SAMPLE CONDITION/COMMENTS |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
| SW-101R                   | 6-2-25 | 9:40 | SW-101R         | 1                 | W      | G              | X                 |  |  |  |  |  |  |  |  |  | 01           |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
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|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
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|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
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|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |
|                           |        |      |                 |                   |        |                |                   |  |  |  |  |  |  |  |  |  |              |  |                                                     |  |

|                                  |                       |                                  |                       |                                                                                                                          |
|----------------------------------|-----------------------|----------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------|
| Relinquished by: (Signature)<br> | Date<br><u>6/2/25</u> | Received by: (Signature)<br>     | Date<br><u>6/2/25</u> | Turn-Around:<br><input type="checkbox"/> Standard <input type="checkbox"/> Rush _____<br>Contact Lab Prior to Submission |
|                                  | Time<br><u>10:55</u>  |                                  | Time<br><u>10:55</u>  |                                                                                                                          |
| Relinquished by: (Signature)     | Date                  | Received for Lab by: (Signature) | Date                  | Remarks:                                                                                                                 |
|                                  | Time                  |                                  | Time                  |                                                                                                                          |





Microbac Laboratories, Inc., Newton

CERTIFICATE OF ANALYSIS

11I0470

Project Description

6002

For:

Todd Whipple

**HLW Engineering**

204 West Broad St

Story City, IA 50248

---

Heather Murphy

Customer Relationship Specialist

Tuesday, September 23, 2025

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc., Newton. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

Microbac Laboratories, Inc.

600 East 17th Street South | Newton, IA 50208 | 641-792-8451 p | [www.microbac.com](http://www.microbac.com)



Microbac Laboratories, Inc., Newton

CERTIFICATE OF ANALYSIS

11I0470

HLW Engineering

Todd Whipple  
204 West Broad St  
Story City, IA 50248

Project Name: 6002

Project / PO Number: N/A  
Received: 09/04/2025  
Reported: 09/23/2025

Sample Summary Report

| <u>Sample Name</u> | <u>Laboratory ID</u> | <u>Client Matrix</u> | <u>Sample Type</u> | <u>Sample Begin</u> | <u>Sample Taken</u> | <u>Lab Received</u> |
|--------------------|----------------------|----------------------|--------------------|---------------------|---------------------|---------------------|
| MW-44              | 11I0470-01           | Aqueous              | GRAB               |                     | 09/03/25 08:24      | 09/04/25 14:17      |
| MW-57              | 11I0470-02           | Aqueous              | GRAB               |                     | 09/03/25 09:35      | 09/04/25 14:17      |
| MW-56              | 11I0470-03           | Aqueous              | GRAB               |                     | 09/03/25 09:04      | 09/04/25 14:17      |
| MW-64              | 11I0470-04           | Aqueous              | GRAB               |                     | 09/03/25 09:18      | 09/04/25 14:17      |
| MW-65              | 11I0470-05           | Aqueous              | GRAB               |                     | 09/03/25 08:45      | 09/04/25 14:17      |
| SW-101R            | 11I0470-06           | Aqueous              | GRAB               |                     | 09/03/25 10:10      | 09/04/25 14:17      |
| PECS-1             | 11I0470-07           | Aqueous              | GRAB               |                     | 09/03/25 10:22      | 09/04/25 14:17      |
| SW-102             | 11I0470-08           | Aqueous              | GRAB               |                     | 09/03/25 10:32      | 09/04/25 14:17      |
| SW-103             | 11I0470-09           | Aqueous              | GRAB               |                     | 09/03/25 08:40      | 09/04/25 14:17      |
| MW-48 (B)          | 11I0470-10           | Aqueous              | GRAB               |                     | 09/03/25 09:49      | 09/04/25 14:17      |
| MW-39 (B)          | 11I0470-11           | Aqueous              | GRAB               |                     | 09/03/25 11:29      | 09/04/25 14:17      |
| MW-78 (B)          | 11I0470-12           | Aqueous              | GRAB               |                     | 09/03/25 10:59      | 09/04/25 14:17      |
| MW-62R             | 11I0470-13           | Aqueous              | GRAB               |                     | 09/03/25 11:15      | 09/04/25 14:17      |
| MW-79              | 11I0470-14           | Aqueous              | GRAB               |                     | 09/03/25 13:04      | 09/04/25 14:17      |
| MW-80              | 11I0470-15           | Aqueous              | GRAB               |                     | 09/03/25 13:17      | 09/04/25 14:17      |
| MW-36              | 11I0470-16           | Aqueous              | GRAB               |                     | 09/03/25 11:43      | 09/04/25 14:17      |
| MW-41              | 11I0470-17           | Aqueous              | GRAB               |                     | 09/03/25 12:25      | 09/04/25 14:17      |
| MW-42              | 11I0470-18           | Aqueous              | GRAB               |                     | 09/03/25 12:46      | 09/04/25 14:17      |
| MW-58              | 11I0470-19           | Aqueous              | GRAB               |                     | 09/03/25 12:52      | 09/04/25 14:17      |
| MW-59              | 11I0470-20           | Aqueous              | GRAB               |                     | 09/03/25 10:58      | 09/04/25 14:17      |
| MW-60              | 11I0470-21           | Aqueous              | GRAB               |                     | 09/03/25 11:55      | 09/04/25 14:17      |
| MW-61              | 11I0470-22           | Aqueous              | GRAB               |                     | 09/03/25 12:04      | 09/04/25 14:17      |
| Duplicate          | 11I0470-23           | Aqueous              | GRAB               |                     | 09/03/25 00:00      | 09/04/25 14:17      |



Microbac Laboratories, Inc., Newton

CERTIFICATE OF ANALYSIS

11I0470

Analytical Testing Parameters

Client Sample ID: MW-44  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-01

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 8:24

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| EPA 5030B/EPA 8260D                         |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Carbon Disulfide                            | 1.6    | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |

Microbac Laboratories, Inc., Newton

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Page 3 of 70



Microbac Laboratories, Inc., Newton

CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-44  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-01

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 8:24

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| Bromoform                                   | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Surrogate: Dibromofluoromethane             | 97.5   | Limit: 57-128 | % Rec |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Surrogate: Dibromofluoromethane             | 97.5   | Limit: 75-136 | % Rec |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 97.3   | Limit: 61-142 | % Rec |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 97.3   | Limit: 49-135 | % Rec |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Surrogate: Toluene-d8                       | 100    | Limit: 82-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Surrogate: Toluene-d8                       | 100    | Limit: 82-121 | % Rec |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 93.6   | Limit: 77-114 | % Rec |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 93.6   | Limit: 80-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1156 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |
| Arsenic, total                | 0.0055  | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |
| Barium, total                 | 0.152   | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |
| Chromium, total               | 0.0012  | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |
| Cobalt, total                 | 0.0089  | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |
| Copper, total                 | 0.0099  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |
| Nickel, total                 | 0.0120  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |
| Zinc, total                   | 0.0251  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1858 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-57  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-02

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 9:35

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-57  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-02

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 9:35

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Surrogate: Dibromofluoromethane             | 99.7   | Limit: 75-136 | % Rec |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Surrogate: Dibromofluoromethane             | 99.7   | Limit: 57-128 | % Rec |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 98.6   | Limit: 61-142 | % Rec |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 98.6   | Limit: 49-135 | % Rec |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Surrogate: Toluene-d8                       | 98.3   | Limit: 82-121 | % Rec |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Surrogate: Toluene-d8                       | 98.3   | Limit: 82-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 94.2   | Limit: 80-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 94.2   | Limit: 77-114 | % Rec |      | 09/05/25 0000 | 09/05/25 1219 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |
| Barium, total                 | 0.343   | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |
| Chromium, total               | 0.0010  | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |
| Cobalt, total                 | 0.0005  | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |
| Nickel, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |
| Zinc, total                   | 0.0148  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1908 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-56  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-03

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 9:04

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-56  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-03

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 9:04

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Surrogate: Dibromofluoromethane             | 95.3   | Limit: 75-136 | % Rec |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Surrogate: Dibromofluoromethane             | 95.3   | Limit: 57-128 | % Rec |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 93.6   | Limit: 49-135 | % Rec |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 93.6   | Limit: 61-142 | % Rec |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-121 | % Rec |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 96.5   | Limit: 77-114 | % Rec |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 96.5   | Limit: 80-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1242 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | 0.0022  | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |
| Barium, total                 | 0.0460  | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |
| Chromium, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |
| Cobalt, total                 | 0.0033  | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |
| Nickel, total                 | 0.0068  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |
| Zinc, total                   | 0.0133  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1915 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-64  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-04

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 9:18

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Vinyl Chloride                              | 1.4    | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Carbon Disulfide                            | 2.9    | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 1,1-Dichloroethane                          | 1.8    | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| cis-1,2-Dichloroethylene                    | 3.2    | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-64  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-04

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 9:18

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Surrogate: Dibromofluoromethane             | 93.3   | Limit: 57-128 | % Rec |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Surrogate: Dibromofluoromethane             | 93.3   | Limit: 75-136 | % Rec |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 94.7   | Limit: 49-135 | % Rec |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 94.7   | Limit: 61-142 | % Rec |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-121 | % Rec |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 94.0   | Limit: 77-114 | % Rec |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 94.0   | Limit: 80-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1304 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |
| Arsenic, total                | 0.0235  | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |
| Barium, total                 | 0.0481  | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |
| Chromium, total               | 0.0012  | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |
| Cobalt, total                 | 0.0159  | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |
| Nickel, total                 | 0.0403  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |
| Selenium, total               | 0.0021  | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |
| Zinc, total                   | 0.0272  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1918 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-65  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-05

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 8:45

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-65  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-05

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 8:45

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Surrogate: Dibromofluoromethane             | 95.0   | Limit: 75-136 | % Rec |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Surrogate: Dibromofluoromethane             | 95.0   | Limit: 57-128 | % Rec |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 91.2   | Limit: 61-142 | % Rec |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 91.2   | Limit: 49-135 | % Rec |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Surrogate: Toluene-d8                       | 99.6   | Limit: 82-121 | % Rec |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Surrogate: Toluene-d8                       | 99.6   | Limit: 82-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 89.4   | Limit: 77-114 | % Rec |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 89.4   | Limit: 80-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1327 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |
| Arsenic, total                | 0.0132  | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |
| Barium, total                 | 0.0773  | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |
| Cadmium, total                | 0.0008  | 0.0002 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |
| Chromium, total               | 0.0017  | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |
| Cobalt, total                 | 0.0156  | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |
| Copper, total                 | 0.0081  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |
| Nickel, total                 | 0.0406  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |
| Vanadium, total               | 0.0021  | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |
| Zinc, total                   | 0.0568  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1920 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: SW-101R  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-06

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 10:10

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Vinyl Chloride                              | 3.3    | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| cis-1,2-Dichloroethylene                    | 3.0    | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: SW-101R  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-06

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 10:10

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Surrogate: Dibromofluoromethane             | 101    | Limit: 57-128 | % Rec |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Surrogate: Dibromofluoromethane             | 101    | Limit: 75-136 | % Rec |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 95.0   | Limit: 49-135 | % Rec |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 95.0   | Limit: 61-142 | % Rec |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-121 | % Rec |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 95.1   | Limit: 77-114 | % Rec |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 95.1   | Limit: 80-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1350 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |
| Arsenic, total                | 0.0040  | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |
| Barium, total                 | 0.228   | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |
| Chromium, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |
| Cobalt, total                 | 0.0042  | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |
| Nickel, total                 | 0.0063  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |
| Zinc, total                   | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1923 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: PECS-1  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-07

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 10:22

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: PECS-1  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-07

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 10:22

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Surrogate: Dibromofluoromethane             | 98.1   | Limit: 75-136 | % Rec |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Surrogate: Dibromofluoromethane             | 98.1   | Limit: 57-128 | % Rec |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 94.8   | Limit: 61-142 | % Rec |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 94.8   | Limit: 49-135 | % Rec |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Surrogate: Toluene-d8                       | 99.9   | Limit: 82-121 | % Rec |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Surrogate: Toluene-d8                       | 99.9   | Limit: 82-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 92.5   | Limit: 80-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 92.5   | Limit: 77-114 | % Rec |      | 09/05/25 0000 | 09/05/25 1413 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: SW-102  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-08

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 10:32

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: SW-102  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-08

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 10:32

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Surrogate: Dibromofluoromethane             | 100    | Limit: 57-128 | % Rec |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Surrogate: Dibromofluoromethane             | 100    | Limit: 75-136 | % Rec |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 104    | Limit: 49-135 | % Rec |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 104    | Limit: 61-142 | % Rec |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Surrogate: Toluene-d8                       | 99.6   | Limit: 82-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Surrogate: Toluene-d8                       | 99.6   | Limit: 82-121 | % Rec |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 92.5   | Limit: 77-114 | % Rec |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 92.5   | Limit: 80-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1436 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |
| Arsenic, total                | 0.0021  | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |
| Barium, total                 | 0.176   | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |
| Chromium, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |
| Cobalt, total                 | 0.0005  | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |
| Copper, total                 | 0.0078  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |
| Nickel, total                 | 0.0062  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |
| Zinc, total                   | 0.0073  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1925 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: SW-103  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-09

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 8:40

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: SW-103  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-09

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 8:40

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Surrogate: Dibromofluoromethane             | 96.2   | Limit: 57-128 | % Rec |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Surrogate: Dibromofluoromethane             | 96.2   | Limit: 75-136 | % Rec |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 98.7   | Limit: 61-142 | % Rec |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 98.7   | Limit: 49-135 | % Rec |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Surrogate: Toluene-d8                       | 99.6   | Limit: 82-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Surrogate: Toluene-d8                       | 99.6   | Limit: 82-121 | % Rec |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 91.7   | Limit: 80-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 91.7   | Limit: 77-114 | % Rec |      | 09/05/25 0000 | 09/05/25 1458 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |
| Arsenic, total                | 0.0022  | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |
| Barium, total                 | 0.176   | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |
| Chromium, total               | 0.0019  | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |
| Cobalt, total                 | 0.0013  | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |
| Lead, total                   | 0.0022  | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |
| Nickel, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |
| Vanadium, total               | 0.0033  | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |
| Zinc, total                   | 0.0199  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1928 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-48 (B)  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-10

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 9:49

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Carbon Disulfide                            | 1.6    | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-48 (B)  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-10

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 9:49

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Surrogate: Dibromofluoromethane             | 96.8   | Limit: 57-128 | % Rec |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Surrogate: Dibromofluoromethane             | 96.8   | Limit: 75-136 | % Rec |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 97.1   | Limit: 49-135 | % Rec |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 97.1   | Limit: 61-142 | % Rec |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Surrogate: Toluene-d8                       | 98.5   | Limit: 82-121 | % Rec |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Surrogate: Toluene-d8                       | 98.5   | Limit: 82-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 93.5   | Limit: 77-114 | % Rec |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 93.5   | Limit: 80-116 | % Rec |      | 09/05/25 0000 | 09/05/25 1521 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |
| Barium, total                 | 0.168   | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |
| Chromium, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |
| Cobalt, total                 | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |
| Nickel, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |
| Zinc, total                   | 0.0096  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1931 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-39 (B)  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-11

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 11:29

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-39 (B)  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-11

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 11:29

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Surrogate: Dibromofluoromethane             | 99.8   | Limit: 75-136 | % Rec |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Surrogate: Dibromofluoromethane             | 99.8   | Limit: 57-128 | % Rec |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 98.5   | Limit: 49-135 | % Rec |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 98.5   | Limit: 61-142 | % Rec |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-121 | % Rec |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 92.8   | Limit: 77-114 | % Rec |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 92.8   | Limit: 80-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1130 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |
| Barium, total                 | 0.131   | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |
| Chromium, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |
| Cobalt, total                 | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |
| Nickel, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |
| Zinc, total                   | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1933 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-78 (B)  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-12

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 10:59

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-78 (B)  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-12

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 10:59

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Surrogate: Dibromofluoromethane             | 101    | Limit: 57-128 | % Rec |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Surrogate: Dibromofluoromethane             | 101    | Limit: 75-136 | % Rec |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 97.8   | Limit: 49-135 | % Rec |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 97.8   | Limit: 61-142 | % Rec |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-121 | % Rec |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 93.5   | Limit: 77-114 | % Rec |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 93.5   | Limit: 80-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1153 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |
| Barium, total                 | 0.301   | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |
| Chromium, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |
| Cobalt, total                 | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |
| Nickel, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |
| Selenium, total               | 0.0060  | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |
| Zinc, total                   | 0.0064  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1936 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-62R  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-13

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 11:15

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-62R  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-13

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 11:15

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Surrogate: Dibromofluoromethane             | 102    | Limit: 75-136 | % Rec |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Surrogate: Dibromofluoromethane             | 102    | Limit: 57-128 | % Rec |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 101    | Limit: 49-135 | % Rec |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 101    | Limit: 61-142 | % Rec |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Surrogate: Toluene-d8                       | 99.5   | Limit: 82-121 | % Rec |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Surrogate: Toluene-d8                       | 99.5   | Limit: 82-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 93.6   | Limit: 77-114 | % Rec |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 93.6   | Limit: 80-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1216 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |
| Barium, total                 | 1.13    | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |
| Chromium, total               | 0.0012  | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |
| Cobalt, total                 | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |
| Nickel, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |
| Zinc, total                   | 0.0131  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1938 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-79  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-14

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 13:04

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-79  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-14

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 13:04

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Surrogate: Dibromofluoromethane             | 104    | Limit: 75-136 | % Rec |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Surrogate: Dibromofluoromethane             | 104    | Limit: 57-128 | % Rec |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 99.9   | Limit: 61-142 | % Rec |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 99.9   | Limit: 49-135 | % Rec |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Surrogate: Toluene-d8                       | 99.2   | Limit: 82-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Surrogate: Toluene-d8                       | 99.2   | Limit: 82-121 | % Rec |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 93.5   | Limit: 80-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 93.5   | Limit: 77-114 | % Rec |      | 09/08/25 0000 | 09/08/25 1239 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |
| Barium, total                 | 0.0549  | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |
| Chromium, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |
| Cobalt, total                 | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |
| Nickel, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |
| Zinc, total                   | 0.0122  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1946 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-80  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-15

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 13:17

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-80  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-15

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 13:17

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Surrogate: Dibromofluoromethane             | 101    | Limit: 75-136 | % Rec |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Surrogate: Dibromofluoromethane             | 101    | Limit: 57-128 | % Rec |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 97.7   | Limit: 49-135 | % Rec |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 97.7   | Limit: 61-142 | % Rec |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-121 | % Rec |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 92.5   | Limit: 77-114 | % Rec |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 92.5   | Limit: 80-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1301 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |
| Barium, total                 | 0.120   | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |
| Chromium, total               | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |
| Cobalt, total                 | 0.0006  | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |
| Nickel, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |
| Zinc, total                   | 0.0060  | 0.0050 | mg/L  |      | 09/05/25 1609 | 09/08/25 1948 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-36  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-16

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 11:43

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-36  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-16

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 11:43

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Surrogate: Dibromofluoromethane             | 105    | Limit: 57-128 | % Rec |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Surrogate: Dibromofluoromethane             | 105    | Limit: 75-136 | % Rec |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 101    | Limit: 49-135 | % Rec |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 101    | Limit: 61-142 | % Rec |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Surrogate: Toluene-d8                       | 99.5   | Limit: 82-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Surrogate: Toluene-d8                       | 99.5   | Limit: 82-121 | % Rec |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 96.2   | Limit: 77-114 | % Rec |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 96.2   | Limit: 80-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1324 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |
| Barium, total                 | 0.153   | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |
| Chromium, total               | 0.0010  | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |
| Cobalt, total                 | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |
| Nickel, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |
| Zinc, total                   | 0.0114  | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1745 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-41  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-17

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 12:25

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 1,1-Dichloroethane                          | 21.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| cis-1,2-Dichloroethylene                    | 4.4    | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 1,2-Dichloropropane                         | 1.2    | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-41  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-17

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 12:25

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Surrogate: Dibromofluoromethane             | 105    | Limit: 57-128 | % Rec |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Surrogate: Dibromofluoromethane             | 105    | Limit: 75-136 | % Rec |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 102    | Limit: 49-135 | % Rec |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 102    | Limit: 61-142 | % Rec |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Surrogate: Toluene-d8                       | 98.9   | Limit: 82-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Surrogate: Toluene-d8                       | 98.9   | Limit: 82-121 | % Rec |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 92.3   | Limit: 77-114 | % Rec |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 92.3   | Limit: 80-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1347 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |
| Barium, total                 | 0.0804  | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |
| Chromium, total               | 0.0010  | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |
| Cobalt, total                 | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |
| Nickel, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |
| Selenium, total               | 0.0026  | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |
| Zinc, total                   | 0.0098  | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1753 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-42  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-18

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 12:46

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-42  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-18

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 12:46

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Surrogate: Dibromofluoromethane             | 104    | Limit: 57-128 | % Rec |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Surrogate: Dibromofluoromethane             | 104    | Limit: 75-136 | % Rec |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 103    | Limit: 49-135 | % Rec |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 103    | Limit: 61-142 | % Rec |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Surrogate: Toluene-d8                       | 104    | Limit: 82-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Surrogate: Toluene-d8                       | 104    | Limit: 82-121 | % Rec |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 94.1   | Limit: 77-114 | % Rec |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 94.1   | Limit: 80-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1410 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |
| Barium, total                 | 0.0256  | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |
| Chromium, total               | 0.0011  | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |
| Cobalt, total                 | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |
| Nickel, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |
| Zinc, total                   | 0.0127  | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1755 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-58  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-19

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 12:52

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-58  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-19

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 12:52

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Surrogate: Dibromofluoromethane             | 108    | Limit: 57-128 | % Rec |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Surrogate: Dibromofluoromethane             | 108    | Limit: 75-136 | % Rec |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 108    | Limit: 49-135 | % Rec |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 108    | Limit: 61-142 | % Rec |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-121 | % Rec |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 92.8   | Limit: 80-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 92.8   | Limit: 77-114 | % Rec |      | 09/08/25 0000 | 09/08/25 1432 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |
| Barium, total                 | 0.0255  | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |
| Cadmium, total                | 0.0002  | 0.0002 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |
| Chromium, total               | 0.0012  | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |
| Cobalt, total                 | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |
| Nickel, total                 | 0.0131  | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |
| Zinc, total                   | 0.0080  | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1758 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-59  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-20

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 10:58

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-59  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-20

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 10:58

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Surrogate: Dibromofluoromethane             | 108    | Limit: 57-128 | % Rec |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Surrogate: Dibromofluoromethane             | 108    | Limit: 75-136 | % Rec |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 109    | Limit: 61-142 | % Rec |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 109    | Limit: 49-135 | % Rec |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Surrogate: Toluene-d8                       | 101    | Limit: 82-121 | % Rec |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 91.8   | Limit: 80-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 91.8   | Limit: 77-114 | % Rec |      | 09/08/25 0000 | 09/08/25 1455 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |
| Barium, total                 | 0.0461  | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |
| Chromium, total               | 0.0011  | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |
| Cobalt, total                 | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |
| Nickel, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |
| Zinc, total                   | 0.0061  | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1800 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-60  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-21

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 11:55

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-60  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-21

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 11:55

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Surrogate: Dibromofluoromethane             | 108    | Limit: 75-136 | % Rec |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Surrogate: Dibromofluoromethane             | 108    | Limit: 57-128 | % Rec |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 107    | Limit: 61-142 | % Rec |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 107    | Limit: 49-135 | % Rec |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Surrogate: Toluene-d8                       | 99.5   | Limit: 82-121 | % Rec |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Surrogate: Toluene-d8                       | 99.5   | Limit: 82-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 89.2   | Limit: 80-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 89.2   | Limit: 77-114 | % Rec |      | 09/08/25 0000 | 09/08/25 1518 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |
| Barium, total                 | 0.326   | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |
| Cadmium, total                | 0.0002  | 0.0002 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |
| Chromium, total               | 0.0012  | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |
| Cobalt, total                 | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |
| Copper, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |
| Nickel, total                 | 0.0152  | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |
| Zinc, total                   | 0.0134  | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1803 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-61  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-22

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 12:04

| Determination of Volatile Organic Compounds | Result | RL   | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|------|-------|------|---------------|---------------|---------|
| <b>EPA 5030B/EPA 8260D</b>                  |        |      |       |      |               |               |         |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Acetone                                     | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Chloroform                                  | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 1,1,1-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Carbon Tetrachloride                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Benzene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 1,2-Dichloroethane                          | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Trichloroethylene                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 1,2-Dichloropropane                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Dibromomethane                              | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Bromodichloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| cis-1,3-Dichloropropene                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 4-Methyl-2-pentanone (MIBK)                 | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Toluene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| trans-1,3-Dichloropropene                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 1,1,2-Trichloroethane                       | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Tetrachloroethylene                         | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 2-Hexanone (MBK)                            | <5.0   | 5.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Dibromochloromethane                        | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 1,2-Dibromoethane                           | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Styrene                                     | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: MW-61  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-22

Collected By: Whipple, Todd  
Collection Date: 09/03/2025 12:04

| Determination of Volatile Organic Compounds | Result | RL            | Units | Note | Prepared      | Analyzed      | Analyst |
|---------------------------------------------|--------|---------------|-------|------|---------------|---------------|---------|
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0           | ug/L  |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Surrogate: Dibromofluoromethane             | 109    | Limit: 75-136 | % Rec |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Surrogate: Dibromofluoromethane             | 109    | Limit: 57-128 | % Rec |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 110    | Limit: 49-135 | % Rec |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Surrogate: 1,2-Dichloroethane-d4            | 110    | Limit: 61-142 | % Rec |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Surrogate: Toluene-d8                       | 99.3   | Limit: 82-121 | % Rec |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Surrogate: Toluene-d8                       | 99.3   | Limit: 82-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 94.3   | Limit: 77-114 | % Rec |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |
| Surrogate: 4-Bromofluorobenzene             | 94.3   | Limit: 80-116 | % Rec |      | 09/08/25 0000 | 09/08/25 1541 | RAF     |

| Determination of Total Metals | Result  | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------|--------|-------|------|---------------|---------------|---------|
| EPA 3005A/EPA 6020A           |         |        |       |      |               |               |         |
| Antimony, total               | <0.0010 | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |
| Arsenic, total                | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |
| Barium, total                 | 0.0611  | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |
| Beryllium, total              | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |
| Cadmium, total                | <0.0002 | 0.0002 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |
| Chromium, total               | 0.0013  | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |
| Cobalt, total                 | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |
| Copper, total                 | 0.0065  | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |
| Lead, total                   | <0.0010 | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |
| Nickel, total                 | 0.0058  | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |
| Selenium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |
| Silver, total                 | <0.0050 | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |
| Thallium, total               | <0.0005 | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |
| Vanadium, total               | <0.0020 | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |
| Zinc, total                   | 0.0082  | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1805 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Client Sample ID: Duplicate  
Sample Matrix: Aqueous  
Lab Sample ID: 11I0470-23

Collected By: Whipple, Todd  
Collection Date: 09/03/2025

| Determination of Total Metals | Result        | RL     | Units | Note | Prepared      | Analyzed      | Analyst |
|-------------------------------|---------------|--------|-------|------|---------------|---------------|---------|
| <b>EPA 3005A/EPA 6020A</b>    |               |        |       |      |               |               |         |
| Antimony, total               | <0.0010       | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1808 | RVV     |
| Arsenic, total                | <0.0020       | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1808 | RVV     |
| Barium, total                 | <b>0.0427</b> | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1808 | RVV     |
| Beryllium, total              | <0.0005       | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1808 | RVV     |
| Cadmium, total                | <0.0002       | 0.0002 | mg/L  |      | 09/08/25 1451 | 09/09/25 1808 | RVV     |
| Chromium, total               | <b>0.0010</b> | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1808 | RVV     |
| Cobalt, total                 | <0.0005       | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1808 | RVV     |
| Copper, total                 | <0.0050       | 0.0050 | mg/L  |      | 09/18/25 1530 | 09/20/25 0137 | JAR     |
| Lead, total                   | <0.0010       | 0.0010 | mg/L  |      | 09/08/25 1451 | 09/09/25 1808 | RVV     |
| Nickel, total                 | <0.0050       | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1808 | RVV     |
| Selenium, total               | <0.0020       | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1808 | RVV     |
| Silver, total                 | <0.0050       | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1808 | RVV     |
| Thallium, total               | <0.0005       | 0.0005 | mg/L  |      | 09/08/25 1451 | 09/09/25 1808 | RVV     |
| Vanadium, total               | <0.0020       | 0.0020 | mg/L  |      | 09/08/25 1451 | 09/09/25 1808 | RVV     |
| Zinc, total                   | <0.0050       | 0.0050 | mg/L  |      | 09/08/25 1451 | 09/09/25 1808 | RVV     |

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CERTIFICATE OF ANALYSIS

11I0470

Batch Log Summary

| Method    | Batch   | Laboratory ID | Client / Source ID |
|-----------|---------|---------------|--------------------|
| EPA 8260D | 11I0341 | 11I0341-BS1   |                    |
|           |         | 11I0341-BSD1  |                    |
|           |         | 11I0341-BLK1  |                    |
|           |         | 11I0470-01    | MW-44              |
|           |         | 11I0470-02    | MW-57              |
|           |         | 11I0470-03    | MW-56              |
|           |         | 11I0470-04    | MW-64              |
|           |         | 11I0470-05    | MW-65              |
|           |         | 11I0470-06    | SW-101R            |
|           |         | 11I0470-07    | PECS-1             |
|           |         | 11I0470-08    | SW-102             |
|           |         | 11I0470-09    | SW-103             |
|           |         | 11I0470-10    | MW-48 (B)          |
|           |         | 11I0341-MS1   | 11I0470-01         |
|           |         | 11I0341-MSD1  | 11I0470-01         |
| Method    | Batch   | Laboratory ID | Client / Source ID |
| EPA 6020A | 11I0356 | 11I0356-BLK1  |                    |
|           |         | 11I0356-BS1   |                    |
|           |         | 11I0470-01    | MW-44              |
|           |         | 11I0356-MS1   | 11I0470-01         |
|           |         | 11I0356-MSD1  | 11I0470-01         |
|           |         | 11I0356-PS1   | 11I0470-01         |
|           |         | 11I0470-02    | MW-57              |
|           |         | 11I0470-03    | MW-56              |
|           |         | 11I0470-04    | MW-64              |
|           |         | 11I0470-05    | MW-65              |
|           |         | 11I0470-06    | SW-101R            |
|           |         | 11I0470-08    | SW-102             |
|           |         | 11I0470-09    | SW-103             |
|           |         | 11I0470-10    | MW-48 (B)          |
|           |         | 11I0470-11    | MW-39 (B)          |
|           |         | 11I0470-12    | MW-78 (B)          |
|           |         | 11I0470-13    | MW-62R             |
|           |         | 11I0470-14    | MW-79              |
|           |         | 11I0470-15    | MW-80              |
| Method    | Batch   | Laboratory ID | Client / Source ID |
| EPA 6020A | 11I0424 | 11I0424-BLK1  |                    |
|           |         | 11I0424-BS1   |                    |
|           |         | 11I0470-16    | MW-36              |
|           |         | 11I0470-17    | MW-41              |
|           |         | 11I0470-18    | MW-42              |
|           |         | 11I0470-19    | MW-58              |
|           |         | 11I0470-20    | MW-59              |
|           |         | 11I0470-21    | MW-60              |
|           |         | 11I0470-22    | MW-61              |
|           |         | 11I0470-23    | Duplicate          |
|           |         | 11I0424-MS1   | 11I0590-01         |
|           |         | 11I0424-MSD1  | 11I0590-01         |
|           |         | 11I0424-PS1   | 11I0590-01         |

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CERTIFICATE OF ANALYSIS

11I0470

| Method    | Batch   | Laboratory ID | Client / Source ID |
|-----------|---------|---------------|--------------------|
| EPA 8260D | 11I0438 | 11I0438-BS1   |                    |
|           |         | 11I0438-BSD1  |                    |
|           |         | 11I0438-BLK1  |                    |
|           |         | 11I0470-11    | MW-39 (B)          |
|           |         | 11I0470-12    | MW-78 (B)          |
|           |         | 11I0470-13    | MW-62R             |
|           |         | 11I0470-14    | MW-79              |
|           |         | 11I0470-15    | MW-80              |
|           |         | 11I0470-16    | MW-36              |
|           |         | 11I0470-17    | MW-41              |
|           |         | 11I0470-18    | MW-42              |
|           |         | 11I0470-19    | MW-58              |
|           |         | 11I0470-20    | MW-59              |
|           |         | 11I0470-21    | MW-60              |
|           |         | 11I0470-22    | MW-61              |
|           |         | 11I0438-MS1   | 11I0470-12         |
|           |         | 11I0438-MSD1  | 11I0470-12         |
| Method    | Batch   | Laboratory ID | Client / Source ID |
| EPA 6020A | 11I1138 | 11I1138-BLK1  |                    |
|           |         | 11I1138-BS1   |                    |
|           |         | 11I0470-23RE1 | Duplicate          |
|           |         | 11I1138-MS1   | 11I1427-01         |
|           |         | 11I1138-MSD1  | 11I1427-01         |
|           |         | 11I1138-PS1   | 11I1427-01         |

Batch Quality Control Summary: Microbac Laboratories, Inc., Newton

| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 11I0341 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |               |      |             |     |           |       |
| Blank (11I0341-BLK1)                        |        |      |       | Prepared: 09/05/25 00:00 Analyzed: 09/05/25 10:48 |               |      |             |     |           |       |
| Chloromethane                               | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Vinyl Chloride                              | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Bromomethane                                | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Chloroethane                                | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Trichlorofluoromethane                      | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,1-Dichloroethylene                        | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Acetone                                     | <10.0  | 10.0 | ug/L  |                                                   |               |      |             |     |           |       |
| Methyl Iodide                               | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Carbon Disulfide                            | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Methylene Chloride                          | <5.0   | 5.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Acrylonitrile                               | <5.0   | 5.0  | ug/L  |                                                   |               |      |             |     |           |       |
| trans-1,2-Dichloroethylene                  | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,1-Dichloroethane                          | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Vinyl Acetate                               | <5.0   | 5.0  | ug/L  |                                                   |               |      |             |     |           |       |
| cis-1,2-Dichloroethylene                    | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 2-Butanone (MEK)                            | <10.0  | 10.0 | ug/L  |                                                   |               |      |             |     |           |       |
| Bromochloromethane                          | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |

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| Determination of Volatile Organic Compounds       | Result | RL  | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------------|--------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| Batch 11I0341 - EPA 5030B - EPA 8260D             |        |     |       |             |               |      |             |     |           |       |
| Blank (11I0341-BLK1)                              |        |     |       |             |               |      |             |     |           |       |
| Prepared: 09/05/25 00:00 Analyzed: 09/05/25 10:48 |        |     |       |             |               |      |             |     |           |       |
| Chloroform                                        | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| 1,1,1-Trichloroethane                             | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| Carbon Tetrachloride                              | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| Benzene                                           | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| 1,2-Dichloroethane                                | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| Trichloroethylene                                 | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| 1,2-Dichloropropane                               | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| Dibromomethane                                    | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| Bromodichloromethane                              | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| cis-1,3-Dichloropropene                           | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| 4-Methyl-2-pentanone (MIBK)                       | <5.0   | 5.0 | ug/L  |             |               |      |             |     |           |       |
| Toluene                                           | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| trans-1,3-Dichloropropene                         | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| 1,1,2-Trichloroethane                             | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| Tetrachloroethylene                               | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| 2-Hexanone (MBK)                                  | <5.0   | 5.0 | ug/L  |             |               |      |             |     |           |       |
| Dibromochloromethane                              | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| 1,2-Dibromoethane                                 | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| Chlorobenzene                                     | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| 1,1,1,2-Tetrachloroethane                         | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| Ethylbenzene                                      | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| Xylenes, total                                    | <2.0   | 2.0 | ug/L  |             |               |      |             |     |           |       |
| Styrene                                           | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| Bromoform                                         | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| 1,2,3-Trichloropropane                            | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| trans-1,4-Dichloro-2-butene                       | <5.0   | 5.0 | ug/L  |             |               |      |             |     |           |       |
| 1,1,2,2-Tetrachloroethane                         | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| 1,4-Dichlorobenzene                               | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| 1,2-Dichlorobenzene                               | <1.0   | 1.0 | ug/L  |             |               |      |             |     |           |       |
| 1,2-Dibromo-3-chloropropane                       | <5.0   | 5.0 | ug/L  |             |               |      |             |     |           |       |
| Surrogate: Dibromofluoromethane                   | 49.8   |     | ug/L  | 50.2        |               | 99.3 | 57-128      |     |           |       |
| Surrogate: Dibromofluoromethane                   | 49.8   |     | ug/L  | 50.2        |               | 99.3 | 75-136      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4                  | 50.8   |     | ug/L  | 50.4        |               | 101  | 49-135      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4                  | 50.8   |     | ug/L  | 50.4        |               | 101  | 61-142      |     |           |       |
| Surrogate: Toluene-d8                             | 49.1   |     | ug/L  | 50.5        |               | 97.4 | 82-116      |     |           |       |
| Surrogate: Toluene-d8                             | 49.1   |     | ug/L  | 50.5        |               | 97.4 | 82-121      |     |           |       |
| Surrogate: 4-Bromofluorobenzene                   | 47.0   |     | ug/L  | 50.2        |               | 93.6 | 77-114      |     |           |       |
| Surrogate: 4-Bromofluorobenzene                   | 47.0   |     | ug/L  | 50.2        |               | 93.6 | 80-116      |     |           |       |
| LCS (11I0341-BS1)                                 |        |     |       |             |               |      |             |     |           |       |
| Prepared: 09/05/25 00:00 Analyzed: 09/05/25 09:16 |        |     |       |             |               |      |             |     |           |       |
| Chloromethane                                     | 35.75  | 1.0 | ug/L  | 30.3        |               | 118  | 63-155      |     |           |       |
| Vinyl Chloride                                    | 34.81  | 1.0 | ug/L  | 30.2        |               | 115  | 70-154      |     |           |       |
| Bromomethane                                      | 29.17  | 1.0 | ug/L  | 30.1        |               | 96.8 | 52-176      |     |           |       |
| Chloroethane                                      | 31.05  | 1.0 | ug/L  | 30.3        |               | 102  | 72-148      |     |           |       |

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CERTIFICATE OF ANALYSIS

11I0470

| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 11I0341 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |               |      |             |     |           |       |
| LCS (11I0341-BS1)                           |        |      |       | Prepared: 09/05/25 00:00 Analyzed: 09/05/25 09:16 |               |      |             |     |           |       |
| Trichlorofluoromethane                      | 32.49  | 1.0  | ug/L  | 30.3                                              |               | 107  | 70-152      |     |           |       |
| 1,1-Dichloroethylene                        | 56.00  | 1.0  | ug/L  | 50.1                                              |               | 112  | 70-148      |     |           |       |
| Acetone                                     | 86.77  | 10.0 | ug/L  | 100                                               |               | 86.8 | 43-172      |     |           |       |
| Methyl Iodide                               | 94.97  | 1.0  | ug/L  | 100                                               |               | 95.0 | 69-170      |     |           |       |
| Carbon Disulfide                            | 114.2  | 1.0  | ug/L  | 100                                               |               | 114  | 72-162      |     |           |       |
| Methylene Chloride                          | 49.77  | 5.0  | ug/L  | 50.1                                              |               | 99.3 | 68-142      |     |           |       |
| Acrylonitrile                               | 97.89  | 5.0  | ug/L  | 100                                               |               | 97.9 | 33-163      |     |           |       |
| trans-1,2-Dichloroethylene                  | 52.22  | 1.0  | ug/L  | 50.1                                              |               | 104  | 66-148      |     |           |       |
| 1,1-Dichloroethane                          | 55.21  | 1.0  | ug/L  | 50.1                                              |               | 110  | 66-143      |     |           |       |
| Vinyl Acetate                               | 182.0  | 5.0  | ug/L  | 131                                               |               | 139  | 43-153      |     |           |       |
| cis-1,2-Dichloroethylene                    | 52.54  | 1.0  | ug/L  | 50.4                                              |               | 104  | 71-149      |     |           |       |
| 2-Butanone (MEK)                            | 104.6  | 10.0 | ug/L  | 100                                               |               | 105  | 52-159      |     |           |       |
| Bromochloromethane                          | 50.74  | 1.0  | ug/L  | 50.4                                              |               | 101  | 69-143      |     |           |       |
| Chloroform                                  | 52.23  | 1.0  | ug/L  | 50.1                                              |               | 104  | 69-144      |     |           |       |
| 1,1,1-Trichloroethane                       | 54.89  | 1.0  | ug/L  | 50.1                                              |               | 110  | 62-129      |     |           |       |
| Carbon Tetrachloride                        | 55.27  | 1.0  | ug/L  | 50.1                                              |               | 110  | 63-141      |     |           |       |
| Benzene                                     | 51.90  | 1.0  | ug/L  | 50.4                                              |               | 103  | 71-134      |     |           |       |
| 1,2-Dichloroethane                          | 51.64  | 1.0  | ug/L  | 50.1                                              |               | 103  | 72-132      |     |           |       |
| Trichloroethylene                           | 54.48  | 1.0  | ug/L  | 50.1                                              |               | 109  | 71-135      |     |           |       |
| 1,2-Dichloropropane                         | 51.86  | 1.0  | ug/L  | 50.1                                              |               | 104  | 69-136      |     |           |       |
| Dibromomethane                              | 49.15  | 1.0  | ug/L  | 50.4                                              |               | 97.6 | 73-147      |     |           |       |
| Bromodichloromethane                        | 53.36  | 1.0  | ug/L  | 50.1                                              |               | 107  | 68-129      |     |           |       |
| cis-1,3-Dichloropropene                     | 55.62  | 1.0  | ug/L  | 50.1                                              |               | 111  | 65-134      |     |           |       |
| 4-Methyl-2-pentanone (MIBK)                 | 101.6  | 5.0  | ug/L  | 100                                               |               | 102  | 58-147      |     |           |       |
| Toluene                                     | 50.43  | 1.0  | ug/L  | 50.5                                              |               | 99.9 | 72-133      |     |           |       |
| trans-1,3-Dichloropropene                   | 58.69  | 1.0  | ug/L  | 50.1                                              |               | 117  | 67-130      |     |           |       |
| 1,1,2-Trichloroethane                       | 50.65  | 1.0  | ug/L  | 50.1                                              |               | 101  | 69-135      |     |           |       |
| Tetrachloroethylene                         | 54.73  | 1.0  | ug/L  | 50.1                                              |               | 109  | 69-130      |     |           |       |
| 2-Hexanone (MBK)                            | 103.1  | 5.0  | ug/L  | 100                                               |               | 103  | 55-144      |     |           |       |
| Dibromochloromethane                        | 53.95  | 1.0  | ug/L  | 50.1                                              |               | 108  | 73-127      |     |           |       |
| 1,2-Dibromoethane                           | 54.20  | 1.0  | ug/L  | 50.2                                              |               | 108  | 67-132      |     |           |       |
| Chlorobenzene                               | 52.89  | 1.0  | ug/L  | 50.1                                              |               | 106  | 72-123      |     |           |       |
| 1,1,1,2-Tetrachloroethane                   | 54.76  | 1.0  | ug/L  | 50.3                                              |               | 109  | 73-127      |     |           |       |
| Ethylbenzene                                | 53.15  | 1.0  | ug/L  | 50.2                                              |               | 106  | 71-127      |     |           |       |
| Xylenes, total                              | 160.5  | 2.0  | ug/L  | 151                                               |               | 106  | 74-127      |     |           |       |
| Styrene                                     | 56.02  | 1.0  | ug/L  | 50.4                                              |               | 111  | 66-126      |     |           |       |
| Bromoform                                   | 57.09  | 1.0  | ug/L  | 50.1                                              |               | 114  | 68-130      |     |           |       |
| 1,2,3-Trichloropropane                      | 55.58  | 1.0  | ug/L  | 50.3                                              |               | 110  | 63-136      |     |           |       |
| trans-1,4-Dichloro-2-butene                 | 118.5  | 5.0  | ug/L  | 100                                               |               | 118  | 54-134      |     |           |       |
| 1,1,2,2-Tetrachloroethane                   | 49.40  | 1.0  | ug/L  | 50.1                                              |               | 98.6 | 61-131      |     |           |       |
| 1,4-Dichlorobenzene                         | 47.83  | 1.0  | ug/L  | 50.1                                              |               | 95.4 | 70-129      |     |           |       |
| 1,2-Dichlorobenzene                         | 50.18  | 1.0  | ug/L  | 50.1                                              |               | 100  | 69-126      |     |           |       |
| 1,2-Dibromo-3-chloropropane                 | 49.17  | 5.0  | ug/L  | 50.1                                              |               | 98.1 | 50-143      |     |           |       |

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| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD    | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------|------|-------------|--------|-----------|-------|
| Batch 11I0341 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |               |      |             |        |           |       |
| LCS (11I0341-BS1)                           |        |      |       | Prepared: 09/05/25 00:00 Analyzed: 09/05/25 09:16 |               |      |             |        |           |       |
| Surrogate: Dibromofluoromethane             | 50.4   |      | ug/L  | 50.2                                              |               | 100  | 57-128      |        |           |       |
| Surrogate: Dibromofluoromethane             | 50.4   |      | ug/L  | 50.2                                              |               | 100  | 75-136      |        |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 51.5   |      | ug/L  | 50.4                                              |               | 102  | 49-135      |        |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 51.5   |      | ug/L  | 50.4                                              |               | 102  | 61-142      |        |           |       |
| Surrogate: Toluene-d8                       | 49.5   |      | ug/L  | 50.5                                              |               | 98.0 | 82-116      |        |           |       |
| Surrogate: Toluene-d8                       | 49.5   |      | ug/L  | 50.5                                              |               | 98.0 | 82-121      |        |           |       |
| Surrogate: 4-Bromofluorobenzene             | 53.1   |      | ug/L  | 50.2                                              |               | 106  | 80-116      |        |           |       |
| Surrogate: 4-Bromofluorobenzene             | 53.1   |      | ug/L  | 50.2                                              |               | 106  | 77-114      |        |           |       |
| LCS Dup (11I0341-BS1)                       |        |      |       | Prepared: 09/05/25 00:00 Analyzed: 09/05/25 09:39 |               |      |             |        |           |       |
| Chloromethane                               | 34.50  | 1.0  | ug/L  | 30.3                                              |               | 114  | 63-155      | 3.56   | 24        |       |
| Vinyl Chloride                              | 32.53  | 1.0  | ug/L  | 30.2                                              |               | 108  | 70-154      | 6.77   | 25        |       |
| Bromomethane                                | 28.88  | 1.0  | ug/L  | 30.1                                              |               | 95.9 | 52-176      | 0.999  | 27        |       |
| Chloroethane                                | 29.95  | 1.0  | ug/L  | 30.3                                              |               | 98.8 | 72-148      | 3.61   | 25        |       |
| Trichlorofluoromethane                      | 32.34  | 1.0  | ug/L  | 30.3                                              |               | 107  | 70-152      | 0.463  | 26        |       |
| 1,1-Dichloroethylene                        | 54.21  | 1.0  | ug/L  | 50.1                                              |               | 108  | 70-148      | 3.25   | 24        |       |
| Acetone                                     | 86.37  | 10.0 | ug/L  | 100                                               |               | 86.4 | 43-172      | 0.462  | 30        |       |
| Methyl Iodide                               | 93.51  | 1.0  | ug/L  | 100                                               |               | 93.5 | 69-170      | 1.55   | 30        |       |
| Carbon Disulfide                            | 107.3  | 1.0  | ug/L  | 100                                               |               | 107  | 72-162      | 6.22   | 24        |       |
| Methylene Chloride                          | 50.04  | 5.0  | ug/L  | 50.1                                              |               | 99.9 | 68-142      | 0.541  | 21        |       |
| Acrylonitrile                               | 107.3  | 5.0  | ug/L  | 100                                               |               | 107  | 33-163      | 9.21   | 28        |       |
| trans-1,2-Dichloroethylene                  | 51.62  | 1.0  | ug/L  | 50.1                                              |               | 103  | 66-148      | 1.16   | 27        |       |
| 1,1-Dichloroethane                          | 52.66  | 1.0  | ug/L  | 50.1                                              |               | 105  | 66-143      | 4.73   | 24        |       |
| Vinyl Acetate                               | 182.0  | 5.0  | ug/L  | 131                                               |               | 139  | 43-153      | 0.0330 | 30        |       |
| cis-1,2-Dichloroethylene                    | 50.80  | 1.0  | ug/L  | 50.4                                              |               | 101  | 71-149      | 3.37   | 26        |       |
| 2-Butanone (MEK)                            | 108.1  | 10.0 | ug/L  | 100                                               |               | 108  | 52-159      | 3.24   | 27        |       |
| Bromochloromethane                          | 50.06  | 1.0  | ug/L  | 50.4                                              |               | 99.3 | 69-143      | 1.35   | 23        |       |
| Chloroform                                  | 50.47  | 1.0  | ug/L  | 50.1                                              |               | 101  | 69-144      | 3.43   | 23        |       |
| 1,1,1-Trichloroethane                       | 51.39  | 1.0  | ug/L  | 50.1                                              |               | 103  | 62-129      | 6.59   | 24        |       |
| Carbon Tetrachloride                        | 53.69  | 1.0  | ug/L  | 50.1                                              |               | 107  | 63-141      | 2.90   | 25        |       |
| Benzene                                     | 48.18  | 1.0  | ug/L  | 50.4                                              |               | 95.5 | 71-134      | 7.43   | 24        |       |
| 1,2-Dichloroethane                          | 50.02  | 1.0  | ug/L  | 50.1                                              |               | 99.9 | 72-132      | 3.19   | 24        |       |
| Trichloroethylene                           | 48.99  | 1.0  | ug/L  | 50.1                                              |               | 97.8 | 71-135      | 10.6   | 24        |       |
| 1,2-Dichloropropane                         | 49.15  | 1.0  | ug/L  | 50.1                                              |               | 98.1 | 69-136      | 5.37   | 24        |       |
| Dibromomethane                              | 45.89  | 1.0  | ug/L  | 50.4                                              |               | 91.1 | 73-147      | 6.86   | 25        |       |
| Bromodichloromethane                        | 48.80  | 1.0  | ug/L  | 50.1                                              |               | 97.4 | 68-129      | 8.93   | 22        |       |
| cis-1,3-Dichloropropene                     | 51.38  | 1.0  | ug/L  | 50.1                                              |               | 103  | 65-134      | 7.93   | 23        |       |
| 4-Methyl-2-pentanone (MIBK)                 | 100.3  | 5.0  | ug/L  | 100                                               |               | 100  | 58-147      | 1.25   | 27        |       |
| Toluene                                     | 47.73  | 1.0  | ug/L  | 50.5                                              |               | 94.6 | 72-133      | 5.50   | 24        |       |
| trans-1,3-Dichloropropene                   | 54.53  | 1.0  | ug/L  | 50.1                                              |               | 109  | 67-130      | 7.35   | 24        |       |
| 1,1,2-Trichloroethane                       | 47.84  | 1.0  | ug/L  | 50.1                                              |               | 95.5 | 69-135      | 5.71   | 23        |       |
| Tetrachloroethylene                         | 51.89  | 1.0  | ug/L  | 50.1                                              |               | 104  | 69-130      | 5.33   | 25        |       |
| 2-Hexanone (MBK)                            | 102.8  | 5.0  | ug/L  | 100                                               |               | 103  | 55-144      | 0.330  | 25        |       |
| Dibromochloromethane                        | 51.66  | 1.0  | ug/L  | 50.1                                              |               | 103  | 73-127      | 4.34   | 22        |       |

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| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result | %REC                                              | %REC Limits | RPD    | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------|---------------------------------------------------|-------------|--------|-----------|-------|
| Batch 11I0341 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |               |                                                   |             |        |           |       |
| LCS Dup (11I0341-BSD1)                      |        |      |       | Prepared: 09/05/25 00:00 Analyzed: 09/05/25 09:39 |               |                                                   |             |        |           |       |
| 1,2-Dibromoethane                           | 51.79  | 1.0  | ug/L  | 50.2                                              |               | 103                                               | 67-132      | 4.55   | 24        |       |
| Chlorobenzene                               | 50.43  | 1.0  | ug/L  | 50.1                                              |               | 101                                               | 72-123      | 4.76   | 23        |       |
| 1,1,1,2-Tetrachloroethane                   | 51.17  | 1.0  | ug/L  | 50.3                                              |               | 102                                               | 73-127      | 6.78   | 24        |       |
| Ethylbenzene                                | 50.97  | 1.0  | ug/L  | 50.2                                              |               | 102                                               | 71-127      | 4.19   | 26        |       |
| Xylenes, total                              | 153.2  | 2.0  | ug/L  | 151                                               |               | 101                                               | 74-127      | 4.67   | 25        |       |
| Styrene                                     | 53.56  | 1.0  | ug/L  | 50.4                                              |               | 106                                               | 66-126      | 4.49   | 23        |       |
| Bromoform                                   | 57.05  | 1.0  | ug/L  | 50.1                                              |               | 114                                               | 68-130      | 0.0701 | 23        |       |
| 1,2,3-Trichloropropane                      | 54.74  | 1.0  | ug/L  | 50.3                                              |               | 109                                               | 63-136      | 1.52   | 24        |       |
| trans-1,4-Dichloro-2-butene                 | 111.3  | 5.0  | ug/L  | 100                                               |               | 111                                               | 54-134      | 6.22   | 27        |       |
| 1,1,1,2-Tetrachloroethane                   | 50.59  | 1.0  | ug/L  | 50.1                                              |               | 101                                               | 61-131      | 2.38   | 29        |       |
| 1,4-Dichlorobenzene                         | 47.13  | 1.0  | ug/L  | 50.1                                              |               | 94.0                                              | 70-129      | 1.47   | 24        |       |
| 1,2-Dichlorobenzene                         | 49.75  | 1.0  | ug/L  | 50.1                                              |               | 99.3                                              | 69-126      | 0.861  | 26        |       |
| 1,2-Dibromo-3-chloropropane                 | 52.44  | 5.0  | ug/L  | 50.1                                              |               | 105                                               | 50-143      | 6.44   | 30        |       |
| Surrogate: Dibromofluoromethane             | 51.5   |      | ug/L  | 50.2                                              |               | 103                                               | 57-128      |        |           |       |
| Surrogate: Dibromofluoromethane             | 51.5   |      | ug/L  | 50.2                                              |               | 103                                               | 75-136      |        |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 51.0   |      | ug/L  | 50.4                                              |               | 101                                               | 49-135      |        |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 51.0   |      | ug/L  | 50.4                                              |               | 101                                               | 61-142      |        |           |       |
| Surrogate: Toluene-d8                       | 47.8   |      | ug/L  | 50.5                                              |               | 94.7                                              | 82-116      |        |           |       |
| Surrogate: Toluene-d8                       | 47.8   |      | ug/L  | 50.5                                              |               | 94.7                                              | 82-121      |        |           |       |
| Surrogate: 4-Bromofluorobenzene             | 53.2   |      | ug/L  | 50.2                                              |               | 106                                               | 77-114      |        |           |       |
| Surrogate: 4-Bromofluorobenzene             | 53.2   |      | ug/L  | 50.2                                              |               | 106                                               | 80-116      |        |           |       |
| Matrix Spike (11I0341-MS1)                  |        |      |       | Source: 11I0470-01                                |               | Prepared: 09/05/25 00:00 Analyzed: 09/05/25 18:01 |             |        |           |       |
| Chloromethane                               | 328.7  | 10.0 | ug/L  | 303                                               | ND            | 108                                               | 61-152      |        |           |       |
| Vinyl Chloride                              | 321.3  | 10.0 | ug/L  | 302                                               | ND            | 106                                               | 66-149      |        |           |       |
| Bromomethane                                | 406.7  | 10.0 | ug/L  | 301                                               | ND            | 135                                               | 43-171      |        |           |       |
| Chloroethane                                | 330.9  | 10.0 | ug/L  | 303                                               | ND            | 109                                               | 69-148      |        |           |       |
| Trichlorofluoromethane                      | 334.8  | 10.0 | ug/L  | 303                                               | ND            | 110                                               | 62-163      |        |           |       |
| 1,1-Dichloroethylene                        | 549.3  | 10.0 | ug/L  | 501                                               | ND            | 110                                               | 70-148      |        |           |       |
| Acetone                                     | 1228   | 100  | ug/L  | 1000                                              | ND            | 123                                               | 45-173      |        |           |       |
| Methyl Iodide                               | 833.3  | 10.0 | ug/L  | 1000                                              | ND            | 83.3                                              | 62-167      |        |           |       |
| Carbon Disulfide                            | 1101   | 10.0 | ug/L  | 1000                                              | ND            | 110                                               | 71-163      |        |           |       |
| Methylene Chloride                          | 510.7  | 50.0 | ug/L  | 501                                               | ND            | 102                                               | 69-140      |        |           |       |
| Acrylonitrile                               | 1747   | 50.0 | ug/L  | 1000                                              | ND            | 175                                               | 32-159      |        |           | M1    |
| trans-1,2-Dichloroethylene                  | 511.5  | 10.0 | ug/L  | 501                                               | ND            | 102                                               | 69-144      |        |           |       |
| 1,1-Dichloroethane                          | 524.8  | 10.0 | ug/L  | 501                                               | ND            | 105                                               | 70-138      |        |           |       |
| Vinyl Acetate                               | 1646   | 50.0 | ug/L  | 1310                                              | ND            | 126                                               | 58-142      |        |           |       |
| cis-1,2-Dichloroethylene                    | 487.5  | 10.0 | ug/L  | 504                                               | ND            | 96.8                                              | 68-151      |        |           |       |
| 2-Butanone (MEK)                            | 1174   | 100  | ug/L  | 1000                                              | ND            | 117                                               | 50-160      |        |           |       |
| Bromochloromethane                          | 499.2  | 10.0 | ug/L  | 504                                               | ND            | 99.0                                              | 65-143      |        |           |       |
| Chloroform                                  | 511.3  | 10.0 | ug/L  | 501                                               | ND            | 102                                               | 71-143      |        |           |       |
| 1,1,1-Trichloroethane                       | 506.9  | 10.0 | ug/L  | 501                                               | ND            | 101                                               | 63-133      |        |           |       |
| Carbon Tetrachloride                        | 498.2  | 10.0 | ug/L  | 501                                               | ND            | 99.5                                              | 63-142      |        |           |       |
| Benzene                                     | 494.4  | 10.0 | ug/L  | 504                                               | ND            | 98.0                                              | 69-133      |        |           |       |

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| Determination of Volatile Organic Compounds | Result             | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD    | RPD Limit | Notes |
|---------------------------------------------|--------------------|------|-------|---------------------------------------------------|---------------|------|-------------|--------|-----------|-------|
| Batch 11I0341 - EPA 5030B - EPA 8260D       |                    |      |       |                                                   |               |      |             |        |           |       |
| Matrix Spike (11I0341-MS1)                  | Source: 11I0470-01 |      |       | Prepared: 09/05/25 00:00 Analyzed: 09/05/25 18:01 |               |      |             |        |           |       |
| 1,2-Dichloroethane                          | 518.3              | 10.0 | ug/L  | 501                                               | ND            | 103  | 63-138      |        |           |       |
| Trichloroethylene                           | 521.5              | 10.0 | ug/L  | 501                                               | ND            | 104  | 71-133      |        |           |       |
| 1,2-Dichloropropane                         | 515.9              | 10.0 | ug/L  | 501                                               | ND            | 103  | 69-132      |        |           |       |
| Dibromomethane                              | 476.1              | 10.0 | ug/L  | 504                                               | ND            | 94.5 | 70-147      |        |           |       |
| Bromodichloromethane                        | 495.9              | 10.0 | ug/L  | 501                                               | ND            | 99.0 | 67-130      |        |           |       |
| cis-1,3-Dichloropropene                     | 517.3              | 10.0 | ug/L  | 501                                               | ND            | 103  | 61-126      |        |           |       |
| 4-Methyl-2-pentanone (MIBK)                 | 1005               | 50.0 | ug/L  | 1000                                              | ND            | 100  | 55-147      |        |           |       |
| Toluene                                     | 492.8              | 10.0 | ug/L  | 505                                               | ND            | 97.6 | 71-133      |        |           |       |
| trans-1,3-Dichloropropene                   | 527.5              | 10.0 | ug/L  | 501                                               | ND            | 105  | 63-124      |        |           |       |
| 1,1,2-Trichloroethane                       | 500.5              | 10.0 | ug/L  | 501                                               | ND            | 99.9 | 69-133      |        |           |       |
| Tetrachloroethylene                         | 520.2              | 10.0 | ug/L  | 501                                               | ND            | 104  | 70-124      |        |           |       |
| 2-Hexanone (MBK)                            | 1068               | 50.0 | ug/L  | 1000                                              | ND            | 107  | 53-141      |        |           |       |
| Dibromochloromethane                        | 469.8              | 10.0 | ug/L  | 501                                               | ND            | 93.8 | 74-122      |        |           |       |
| 1,2-Dibromoethane                           | 526.2              | 10.0 | ug/L  | 502                                               | ND            | 105  | 66-127      |        |           |       |
| Chlorobenzene                               | 504.4              | 10.0 | ug/L  | 501                                               | ND            | 101  | 76-116      |        |           |       |
| 1,1,1,2-Tetrachloroethane                   | 488.2              | 10.0 | ug/L  | 503                                               | ND            | 97.0 | 77-121      |        |           |       |
| Ethylbenzene                                | 519.0              | 10.0 | ug/L  | 502                                               | ND            | 103  | 73-124      |        |           |       |
| Xylenes, total                              | 1576               | 20.0 | ug/L  | 1510                                              | ND            | 104  | 75-123      |        |           |       |
| Styrene                                     | 553.8              | 10.0 | ug/L  | 504                                               | ND            | 110  | 70-120      |        |           |       |
| Bromoform                                   | 491.3              | 10.0 | ug/L  | 501                                               | ND            | 98.0 | 70-124      |        |           |       |
| 1,2,3-Trichloropropane                      | 539.6              | 10.0 | ug/L  | 503                                               | ND            | 107  | 62-135      |        |           |       |
| trans-1,4-Dichloro-2-butene                 | 999.6              | 50.0 | ug/L  | 1000                                              | ND            | 100  | 50-120      |        |           |       |
| 1,1,2,2-Tetrachloroethane                   | 488.0              | 10.0 | ug/L  | 501                                               | ND            | 97.4 | 63-126      |        |           |       |
| 1,4-Dichlorobenzene                         | 464.2              | 10.0 | ug/L  | 501                                               | ND            | 92.6 | 72-119      |        |           |       |
| 1,2-Dichlorobenzene                         | 489.4              | 10.0 | ug/L  | 501                                               | ND            | 97.7 | 71-117      |        |           |       |
| 1,2-Dibromo-3-chloropropane                 | 428.6              | 50.0 | ug/L  | 501                                               | ND            | 85.5 | 49-134      |        |           |       |
| Surrogate: Dibromofluoromethane             | 508                |      | ug/L  | 502                                               |               | 101  | 57-128      |        |           |       |
| Surrogate: Dibromofluoromethane             | 508                |      | ug/L  | 502                                               |               | 101  | 75-136      |        |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 502                |      | ug/L  | 504                                               |               | 99.7 | 49-135      |        |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 502                |      | ug/L  | 504                                               |               | 99.7 | 61-142      |        |           |       |
| Surrogate: Toluene-d8                       | 496                |      | ug/L  | 505                                               |               | 98.3 | 82-116      |        |           |       |
| Surrogate: Toluene-d8                       | 496                |      | ug/L  | 505                                               |               | 98.3 | 82-121      |        |           |       |
| Surrogate: 4-Bromofluorobenzene             | 540                |      | ug/L  | 502                                               |               | 108  | 77-114      |        |           |       |
| Surrogate: 4-Bromofluorobenzene             | 540                |      | ug/L  | 502                                               |               | 108  | 80-116      |        |           |       |
| Matrix Spike Dup (11I0341-MSD1)             | Source: 11I0470-01 |      |       | Prepared: 09/05/25 00:00 Analyzed: 09/05/25 18:24 |               |      |             |        |           |       |
| Chloromethane                               | 326.5              | 10.0 | ug/L  | 303                                               | ND            | 108  | 61-152      | 0.672  | 26        |       |
| Vinyl Chloride                              | 324.9              | 10.0 | ug/L  | 302                                               | ND            | 107  | 66-149      | 1.11   | 23        |       |
| Bromomethane                                | 288.4              | 10.0 | ug/L  | 301                                               | ND            | 95.7 | 43-171      | 34.0   | 29        | R1    |
| Chloroethane                                | 288.5              | 10.0 | ug/L  | 303                                               | ND            | 95.2 | 69-148      | 13.7   | 25        |       |
| Trichlorofluoromethane                      | 334.5              | 10.0 | ug/L  | 303                                               | ND            | 110  | 62-163      | 0.0896 | 25        |       |
| 1,1-Dichloroethylene                        | 536.9              | 10.0 | ug/L  | 501                                               | ND            | 107  | 70-148      | 2.28   | 22        |       |
| Acetone                                     | 1167               | 100  | ug/L  | 1000                                              | ND            | 117  | 45-173      | 5.03   | 30        |       |
| Methyl Iodide                               | 932.8              | 10.0 | ug/L  | 1000                                              | ND            | 93.3 | 62-167      | 11.3   | 24        |       |

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| Determination of Volatile Organic Compounds | Result | RL   | Units                                             | Spike Level | Source Result | %REC | %REC Limits | RPD    | RPD Limit | Notes |
|---------------------------------------------|--------|------|---------------------------------------------------|-------------|---------------|------|-------------|--------|-----------|-------|
| Batch 11I0341 - EPA 5030B - EPA 8260D       |        |      |                                                   |             |               |      |             |        |           |       |
| Matrix Spike Dup (11I0341-MSD1)             |        |      |                                                   |             |               |      |             |        |           |       |
| Source: 11I0470-01                          |        |      | Prepared: 09/05/25 00:00 Analyzed: 09/05/25 18:24 |             |               |      |             |        |           |       |
| Carbon Disulfide                            | 1070   | 10.0 | ug/L                                              | 1000        | ND            | 107  | 71-163      | 2.93   | 22        |       |
| Methylene Chloride                          | 497.0  | 50.0 | ug/L                                              | 501         | ND            | 99.2 | 69-140      | 2.72   | 19        |       |
| Acrylonitrile                               | 1753   | 50.0 | ug/L                                              | 1000        | ND            | 175  | 32-159      | 0.360  | 30        | M1    |
| trans-1,2-Dichloroethylene                  | 505.3  | 10.0 | ug/L                                              | 501         | ND            | 101  | 69-144      | 1.22   | 22        |       |
| 1,1-Dichloroethane                          | 506.5  | 10.0 | ug/L                                              | 501         | ND            | 101  | 70-138      | 3.55   | 20        |       |
| Vinyl Acetate                               | 1681   | 50.0 | ug/L                                              | 1310        | ND            | 128  | 58-142      | 2.15   | 24        |       |
| cis-1,2-Dichloroethylene                    | 485.8  | 10.0 | ug/L                                              | 504         | ND            | 96.5 | 68-151      | 0.349  | 22        |       |
| 2-Butanone (MEK)                            | 1153   | 100  | ug/L                                              | 1000        | ND            | 115  | 50-160      | 1.84   | 23        |       |
| Bromochloromethane                          | 487.5  | 10.0 | ug/L                                              | 504         | ND            | 96.7 | 65-143      | 2.37   | 22        |       |
| Chloroform                                  | 509.2  | 10.0 | ug/L                                              | 501         | ND            | 102  | 71-143      | 0.412  | 21        |       |
| 1,1,1-Trichloroethane                       | 521.9  | 10.0 | ug/L                                              | 501         | ND            | 104  | 63-133      | 2.92   | 23        |       |
| Carbon Tetrachloride                        | 514.1  | 10.0 | ug/L                                              | 501         | ND            | 103  | 63-142      | 3.14   | 22        |       |
| Benzene                                     | 498.0  | 10.0 | ug/L                                              | 504         | ND            | 98.7 | 69-133      | 0.726  | 18        |       |
| 1,2-Dichloroethane                          | 511.7  | 10.0 | ug/L                                              | 501         | ND            | 102  | 63-138      | 1.28   | 20        |       |
| Trichloroethylene                           | 517.7  | 10.0 | ug/L                                              | 501         | ND            | 103  | 71-133      | 0.731  | 23        |       |
| 1,2-Dichloropropane                         | 515.1  | 10.0 | ug/L                                              | 501         | ND            | 103  | 69-132      | 0.155  | 20        |       |
| Dibromomethane                              | 494.5  | 10.0 | ug/L                                              | 504         | ND            | 98.2 | 70-147      | 3.79   | 22        |       |
| Bromodichloromethane                        | 512.9  | 10.0 | ug/L                                              | 501         | ND            | 102  | 67-130      | 3.37   | 21        |       |
| cis-1,3-Dichloropropene                     | 543.0  | 10.0 | ug/L                                              | 501         | ND            | 108  | 61-126      | 4.85   | 21        |       |
| 4-Methyl-2-pentanone (MIBK)                 | 1036   | 50.0 | ug/L                                              | 1000        | ND            | 104  | 55-147      | 3.11   | 23        |       |
| Toluene                                     | 483.2  | 10.0 | ug/L                                              | 505         | ND            | 95.7 | 71-133      | 1.97   | 19        |       |
| trans-1,3-Dichloropropene                   | 556.0  | 10.0 | ug/L                                              | 501         | ND            | 111  | 63-124      | 5.26   | 21        |       |
| 1,1,2-Trichloroethane                       | 492.2  | 10.0 | ug/L                                              | 501         | ND            | 98.3 | 69-133      | 1.67   | 19        |       |
| Tetrachloroethylene                         | 516.4  | 10.0 | ug/L                                              | 501         | ND            | 103  | 70-124      | 0.733  | 24        |       |
| 2-Hexanone (MBK)                            | 1058   | 50.0 | ug/L                                              | 1000        | ND            | 106  | 53-141      | 1.01   | 24        |       |
| Dibromochloromethane                        | 495.3  | 10.0 | ug/L                                              | 501         | ND            | 98.9 | 74-122      | 5.28   | 21        |       |
| 1,2-Dibromoethane                           | 527.1  | 10.0 | ug/L                                              | 502         | ND            | 105  | 66-127      | 0.171  | 23        |       |
| Chlorobenzene                               | 497.8  | 10.0 | ug/L                                              | 501         | ND            | 99.4 | 76-116      | 1.32   | 21        |       |
| 1,1,1,2-Tetrachloroethane                   | 495.4  | 10.0 | ug/L                                              | 503         | ND            | 98.4 | 77-121      | 1.46   | 25        |       |
| Ethylbenzene                                | 509.3  | 10.0 | ug/L                                              | 502         | ND            | 102  | 73-124      | 1.89   | 20        |       |
| Xylenes, total                              | 1538   | 20.0 | ug/L                                              | 1510        | ND            | 102  | 75-123      | 2.43   | 20        |       |
| Styrene                                     | 539.9  | 10.0 | ug/L                                              | 504         | ND            | 107  | 70-120      | 2.54   | 23        |       |
| Bromoform                                   | 506.5  | 10.0 | ug/L                                              | 501         | ND            | 101  | 70-124      | 3.05   | 22        |       |
| 1,2,3-Trichloropropane                      | 539.4  | 10.0 | ug/L                                              | 503         | ND            | 107  | 62-135      | 0.0371 | 28        |       |
| trans-1,4-Dichloro-2-butene                 | 1011   | 50.0 | ug/L                                              | 1000        | ND            | 101  | 50-120      | 1.16   | 26        |       |
| 1,1,2,2-Tetrachloroethane                   | 489.2  | 10.0 | ug/L                                              | 501         | ND            | 97.6 | 63-126      | 0.246  | 24        |       |
| 1,4-Dichlorobenzene                         | 470.1  | 10.0 | ug/L                                              | 501         | ND            | 93.8 | 72-119      | 1.26   | 24        |       |
| 1,2-Dichlorobenzene                         | 503.9  | 10.0 | ug/L                                              | 501         | ND            | 101  | 71-117      | 2.92   | 24        |       |
| 1,2-Dibromo-3-chloropropane                 | 496.1  | 50.0 | ug/L                                              | 501         | ND            | 99.0 | 49-134      | 14.6   | 28        |       |
| Surrogate: Dibromofluoromethane             | 503    |      | ug/L                                              | 502         |               | 100  | 57-128      |        |           |       |
| Surrogate: Dibromofluoromethane             | 503    |      | ug/L                                              | 502         |               | 100  | 75-136      |        |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 517    |      | ug/L                                              | 504         |               | 103  | 49-135      |        |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 517    |      | ug/L                                              | 504         |               | 103  | 61-142      |        |           |       |

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11I0470

| Determination of Volatile Organic Compounds | Result             | RL | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------------------|----|-------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 11I0341 - EPA 5030B - EPA 8260D       |                    |    |       |                                                   |               |      |             |     |           |       |
| Matrix Spike Dup (11I0341-MSD1)             | Source: 11I0470-01 |    |       | Prepared: 09/05/25 00:00 Analyzed: 09/05/25 18:24 |               |      |             |     |           |       |
| Surrogate: Toluene-d8                       | 491                |    | ug/L  | 505                                               |               | 97.3 | 82-116      |     |           |       |
| Surrogate: Toluene-d8                       | 491                |    | ug/L  | 505                                               |               | 97.3 | 82-121      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 521                |    | ug/L  | 502                                               |               | 104  | 77-114      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 521                |    | ug/L  | 502                                               |               | 104  | 80-116      |     |           |       |

Batch 11I0438 - EPA 5030B - EPA 8260D

Blank (11I0438-BLK1) Prepared: 09/08/25 00:00 Analyzed: 09/08/25 11:07

|                             |       |      |      |
|-----------------------------|-------|------|------|
| Chloromethane               | <1.0  | 1.0  | ug/L |
| Vinyl Chloride              | <1.0  | 1.0  | ug/L |
| Bromomethane                | <1.0  | 1.0  | ug/L |
| Chloroethane                | <1.0  | 1.0  | ug/L |
| Trichlorofluoromethane      | <1.0  | 1.0  | ug/L |
| 1,1-Dichloroethylene        | <1.0  | 1.0  | ug/L |
| Acetone                     | <10.0 | 10.0 | ug/L |
| Methyl Iodide               | <1.0  | 1.0  | ug/L |
| Carbon Disulfide            | <1.0  | 1.0  | ug/L |
| Methylene Chloride          | <5.0  | 5.0  | ug/L |
| Acrylonitrile               | <5.0  | 5.0  | ug/L |
| trans-1,2-Dichloroethylene  | <1.0  | 1.0  | ug/L |
| 1,1-Dichloroethane          | <1.0  | 1.0  | ug/L |
| Vinyl Acetate               | <5.0  | 5.0  | ug/L |
| cis-1,2-Dichloroethylene    | <1.0  | 1.0  | ug/L |
| 2-Butanone (MEK)            | <10.0 | 10.0 | ug/L |
| Bromochloromethane          | <1.0  | 1.0  | ug/L |
| Chloroform                  | <1.0  | 1.0  | ug/L |
| 1,1,1-Trichloroethane       | <1.0  | 1.0  | ug/L |
| Carbon Tetrachloride        | <1.0  | 1.0  | ug/L |
| Benzene                     | <1.0  | 1.0  | ug/L |
| 1,2-Dichloroethane          | <1.0  | 1.0  | ug/L |
| Trichloroethylene           | <1.0  | 1.0  | ug/L |
| 1,2-Dichloropropane         | <1.0  | 1.0  | ug/L |
| Dibromomethane              | <1.0  | 1.0  | ug/L |
| Bromodichloromethane        | <1.0  | 1.0  | ug/L |
| cis-1,3-Dichloropropene     | <1.0  | 1.0  | ug/L |
| 4-Methyl-2-pentanone (MIBK) | <5.0  | 5.0  | ug/L |
| Toluene                     | <1.0  | 1.0  | ug/L |
| trans-1,3-Dichloropropene   | <1.0  | 1.0  | ug/L |
| 1,1,2-Trichloroethane       | <1.0  | 1.0  | ug/L |
| Tetrachloroethylene         | <1.0  | 1.0  | ug/L |
| 2-Hexanone (MBK)            | <5.0  | 5.0  | ug/L |
| Dibromochloromethane        | <1.0  | 1.0  | ug/L |
| 1,2-Dibromoethane           | <1.0  | 1.0  | ug/L |

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11I0470

| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 11I0438 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |               |      |             |     |           |       |
| Blank (11I0438-BLK1)                        |        |      |       |                                                   |               |      |             |     |           |       |
|                                             |        |      |       | Prepared: 09/08/25 00:00 Analyzed: 09/08/25 11:07 |               |      |             |     |           |       |
| Chlorobenzene                               | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,1,1,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Ethylbenzene                                | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Xylenes, total                              | <2.0   | 2.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Styrene                                     | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Bromoform                                   | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,2,3-Trichloropropane                      | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| trans-1,4-Dichloro-2-butene                 | <5.0   | 5.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,1,2,2-Tetrachloroethane                   | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,4-Dichlorobenzene                         | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,2-Dichlorobenzene                         | <1.0   | 1.0  | ug/L  |                                                   |               |      |             |     |           |       |
| 1,2-Dibromo-3-chloropropane                 | <5.0   | 5.0  | ug/L  |                                                   |               |      |             |     |           |       |
| Surrogate: Dibromofluoromethane             | 48.7   |      | ug/L  | 50.2                                              |               | 97.0 | 57-128      |     |           |       |
| Surrogate: Dibromofluoromethane             | 48.7   |      | ug/L  | 50.2                                              |               | 97.0 | 75-136      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 50.1   |      | ug/L  | 50.4                                              |               | 99.5 | 49-135      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 50.1   |      | ug/L  | 50.4                                              |               | 99.5 | 61-142      |     |           |       |
| Surrogate: Toluene-d8                       | 51.3   |      | ug/L  | 50.5                                              |               | 102  | 82-116      |     |           |       |
| Surrogate: Toluene-d8                       | 51.3   |      | ug/L  | 50.5                                              |               | 102  | 82-121      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 48.3   |      | ug/L  | 50.2                                              |               | 96.2 | 77-114      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 48.3   |      | ug/L  | 50.2                                              |               | 96.2 | 80-116      |     |           |       |
| LCS (11I0438-BS1)                           |        |      |       |                                                   |               |      |             |     |           |       |
|                                             |        |      |       | Prepared: 09/08/25 00:00 Analyzed: 09/08/25 09:59 |               |      |             |     |           |       |
| Chloromethane                               | 37.44  | 1.0  | ug/L  | 30.3                                              |               | 123  | 63-155      |     |           |       |
| Vinyl Chloride                              | 34.79  | 1.0  | ug/L  | 30.2                                              |               | 115  | 70-154      |     |           |       |
| Bromomethane                                | 30.16  | 1.0  | ug/L  | 30.1                                              |               | 100  | 52-176      |     |           |       |
| Chloroethane                                | 31.94  | 1.0  | ug/L  | 30.3                                              |               | 105  | 72-148      |     |           |       |
| Trichlorofluoromethane                      | 35.42  | 1.0  | ug/L  | 30.3                                              |               | 117  | 70-152      |     |           |       |
| 1,1-Dichloroethylene                        | 59.70  | 1.0  | ug/L  | 50.1                                              |               | 119  | 70-148      |     |           |       |
| Acetone                                     | 90.75  | 10.0 | ug/L  | 100                                               |               | 90.8 | 43-172      |     |           |       |
| Methyl Iodide                               | 100.0  | 1.0  | ug/L  | 100                                               |               | 100  | 69-170      |     |           |       |
| Carbon Disulfide                            | 119.0  | 1.0  | ug/L  | 100                                               |               | 119  | 72-162      |     |           |       |
| Methylene Chloride                          | 50.54  | 5.0  | ug/L  | 50.1                                              |               | 101  | 68-142      |     |           |       |
| Acrylonitrile                               | 91.96  | 5.0  | ug/L  | 50.4                                              |               | 183  | 33-163      |     |           |       |
| trans-1,2-Dichloroethylene                  | 53.61  | 1.0  | ug/L  | 50.1                                              |               | 107  | 66-148      |     |           |       |
| 1,1-Dichloroethane                          | 54.74  | 1.0  | ug/L  | 50.1                                              |               | 109  | 66-143      |     |           |       |
| Vinyl Acetate                               | 176.7  | 5.0  | ug/L  | 131                                               |               | 135  | 43-153      |     |           |       |
| cis-1,2-Dichloroethylene                    | 49.86  | 1.0  | ug/L  | 50.4                                              |               | 99.0 | 71-149      |     |           |       |
| 2-Butanone (MEK)                            | 107.3  | 10.0 | ug/L  | 100                                               |               | 107  | 52-159      |     |           |       |
| Bromochloromethane                          | 52.00  | 1.0  | ug/L  | 50.4                                              |               | 103  | 69-143      |     |           |       |
| Chloroform                                  | 53.24  | 1.0  | ug/L  | 50.1                                              |               | 106  | 69-144      |     |           |       |
| 1,1,1-Trichloroethane                       | 55.49  | 1.0  | ug/L  | 50.1                                              |               | 111  | 62-129      |     |           |       |
| Carbon Tetrachloride                        | 57.03  | 1.0  | ug/L  | 50.1                                              |               | 114  | 63-141      |     |           |       |
| Benzene                                     | 51.42  | 1.0  | ug/L  | 50.4                                              |               | 102  | 71-134      |     |           |       |
| 1,2-Dichloroethane                          | 52.21  | 1.0  | ug/L  | 50.1                                              |               | 104  | 72-132      |     |           |       |

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| Determination of Volatile Organic Compounds       | Result | RL   | Units | Spike Level | Source Result | %REC | %REC Limits | RPD   | RPD Limit | Notes |
|---------------------------------------------------|--------|------|-------|-------------|---------------|------|-------------|-------|-----------|-------|
| Batch 11I0438 - EPA 5030B - EPA 8260D             |        |      |       |             |               |      |             |       |           |       |
| LCS (11I0438-BS1)                                 |        |      |       |             |               |      |             |       |           |       |
| Prepared: 09/08/25 00:00 Analyzed: 09/08/25 09:59 |        |      |       |             |               |      |             |       |           |       |
| Trichloroethylene                                 | 55.45  | 1.0  | ug/L  | 50.1        |               | 111  | 71-135      |       |           |       |
| 1,2-Dichloropropane                               | 53.65  | 1.0  | ug/L  | 50.1        |               | 107  | 69-136      |       |           |       |
| Dibromomethane                                    | 47.60  | 1.0  | ug/L  | 50.4        |               | 94.5 | 73-147      |       |           |       |
| Bromodichloromethane                              | 52.43  | 1.0  | ug/L  | 50.1        |               | 105  | 68-129      |       |           |       |
| cis-1,3-Dichloropropene                           | 55.36  | 1.0  | ug/L  | 50.1        |               | 111  | 65-134      |       |           |       |
| 4-Methyl-2-pentanone (MIBK)                       | 102.2  | 5.0  | ug/L  | 100         |               | 102  | 58-147      |       |           |       |
| Toluene                                           | 50.80  | 1.0  | ug/L  | 50.5        |               | 101  | 72-133      |       |           |       |
| trans-1,3-Dichloropropene                         | 58.18  | 1.0  | ug/L  | 50.1        |               | 116  | 67-130      |       |           |       |
| 1,1,2-Trichloroethane                             | 49.24  | 1.0  | ug/L  | 50.1        |               | 98.3 | 69-135      |       |           |       |
| Tetrachloroethylene                               | 56.09  | 1.0  | ug/L  | 50.1        |               | 112  | 69-130      |       |           |       |
| 2-Hexanone (MBK)                                  | 102.8  | 5.0  | ug/L  | 100         |               | 103  | 55-144      |       |           |       |
| Dibromochloromethane                              | 52.88  | 1.0  | ug/L  | 50.1        |               | 106  | 73-127      |       |           |       |
| 1,2-Dibromoethane                                 | 54.10  | 1.0  | ug/L  | 50.2        |               | 108  | 67-132      |       |           |       |
| Chlorobenzene                                     | 52.30  | 1.0  | ug/L  | 50.1        |               | 104  | 72-123      |       |           |       |
| 1,1,1,2-Tetrachloroethane                         | 53.21  | 1.0  | ug/L  | 50.3        |               | 106  | 73-127      |       |           |       |
| Ethylbenzene                                      | 52.23  | 1.0  | ug/L  | 50.2        |               | 104  | 71-127      |       |           |       |
| Xylenes, total                                    | 159.4  | 2.0  | ug/L  | 151         |               | 105  | 74-127      |       |           |       |
| Styrene                                           | 54.04  | 1.0  | ug/L  | 50.4        |               | 107  | 66-126      |       |           |       |
| Bromoform                                         | 55.78  | 1.0  | ug/L  | 50.1        |               | 111  | 68-130      |       |           |       |
| 1,2,3-Trichloropropane                            | 51.52  | 1.0  | ug/L  | 50.3        |               | 102  | 63-136      |       |           |       |
| trans-1,4-Dichloro-2-butene                       | 111.6  | 5.0  | ug/L  | 100         |               | 112  | 54-134      |       |           |       |
| 1,1,2,2-Tetrachloroethane                         | 48.00  | 1.0  | ug/L  | 50.1        |               | 95.8 | 61-131      |       |           |       |
| 1,4-Dichlorobenzene                               | 46.35  | 1.0  | ug/L  | 50.1        |               | 92.5 | 70-129      |       |           |       |
| 1,2-Dichlorobenzene                               | 49.74  | 1.0  | ug/L  | 50.1        |               | 99.3 | 69-126      |       |           |       |
| 1,2-Dibromo-3-chloropropane                       | 50.12  | 5.0  | ug/L  | 50.1        |               | 100  | 50-143      |       |           |       |
| Surrogate: Dibromofluoromethane                   | 51.2   |      | ug/L  | 50.2        |               | 102  | 57-128      |       |           |       |
| Surrogate: Dibromofluoromethane                   | 51.2   |      | ug/L  | 50.2        |               | 102  | 75-136      |       |           |       |
| Surrogate: 1,2-Dichloroethane-d4                  | 52.9   |      | ug/L  | 50.4        |               | 105  | 49-135      |       |           |       |
| Surrogate: 1,2-Dichloroethane-d4                  | 52.9   |      | ug/L  | 50.4        |               | 105  | 61-142      |       |           |       |
| Surrogate: Toluene-d8                             | 49.7   |      | ug/L  | 50.5        |               | 98.4 | 82-116      |       |           |       |
| Surrogate: Toluene-d8                             | 49.7   |      | ug/L  | 50.5        |               | 98.4 | 82-121      |       |           |       |
| Surrogate: 4-Bromofluorobenzene                   | 51.8   |      | ug/L  | 50.2        |               | 103  | 77-114      |       |           |       |
| Surrogate: 4-Bromofluorobenzene                   | 51.8   |      | ug/L  | 50.2        |               | 103  | 80-116      |       |           |       |
| LCS Dup (11I0438-BSD1)                            |        |      |       |             |               |      |             |       |           |       |
| Prepared: 09/08/25 00:00 Analyzed: 09/08/25 10:21 |        |      |       |             |               |      |             |       |           |       |
| Chloromethane                                     | 36.30  | 1.0  | ug/L  | 30.3        |               | 120  | 63-155      | 3.09  | 24        |       |
| Vinyl Chloride                                    | 34.83  | 1.0  | ug/L  | 30.2        |               | 115  | 70-154      | 0.115 | 25        |       |
| Bromomethane                                      | 28.43  | 1.0  | ug/L  | 30.1        |               | 94.4 | 52-176      | 5.91  | 27        |       |
| Chloroethane                                      | 31.53  | 1.0  | ug/L  | 30.3        |               | 104  | 72-148      | 1.29  | 25        |       |
| Trichlorofluoromethane                            | 33.87  | 1.0  | ug/L  | 30.3        |               | 112  | 70-152      | 4.47  | 26        |       |
| 1,1-Dichloroethylene                              | 57.73  | 1.0  | ug/L  | 50.1        |               | 115  | 70-148      | 3.36  | 24        |       |
| Acetone                                           | 85.38  | 10.0 | ug/L  | 100         |               | 85.4 | 43-172      | 6.10  | 30        |       |
| Methyl Iodide                                     | 100.2  | 1.0  | ug/L  | 100         |               | 100  | 69-170      | 0.240 | 30        |       |
| Carbon Disulfide                                  | 116.1  | 1.0  | ug/L  | 100         |               | 116  | 72-162      | 2.42  | 24        |       |

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| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result | %REC | %REC Limits | RPD    | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------|------|-------------|--------|-----------|-------|
| Batch 11I0438 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |               |      |             |        |           |       |
| LCS Dup (11I0438-BSD1)                      |        |      |       | Prepared: 09/08/25 00:00 Analyzed: 09/08/25 10:21 |               |      |             |        |           |       |
| Methylene Chloride                          | 50.91  | 5.0  | ug/L  | 50.1                                              |               | 102  | 68-142      | 0.729  | 21        |       |
| Acrylonitrile                               | 89.52  | 5.0  | ug/L  | 50.4                                              |               | 178  | 33-163      | 2.69   | 28        |       |
| trans-1,2-Dichloroethylene                  | 52.88  | 1.0  | ug/L  | 50.1                                              |               | 106  | 66-148      | 1.37   | 27        |       |
| 1,1-Dichloroethane                          | 54.91  | 1.0  | ug/L  | 50.1                                              |               | 110  | 66-143      | 0.310  | 24        |       |
| Vinyl Acetate                               | 176.4  | 5.0  | ug/L  | 131                                               |               | 135  | 43-153      | 0.198  | 30        |       |
| cis-1,2-Dichloroethylene                    | 50.34  | 1.0  | ug/L  | 50.4                                              |               | 100  | 71-149      | 0.958  | 26        |       |
| 2-Butanone (MEK)                            | 106.7  | 10.0 | ug/L  | 100                                               |               | 107  | 52-159      | 0.570  | 27        |       |
| Bromochloromethane                          | 50.74  | 1.0  | ug/L  | 50.4                                              |               | 101  | 69-143      | 2.45   | 23        |       |
| Chloroform                                  | 52.11  | 1.0  | ug/L  | 50.1                                              |               | 104  | 69-144      | 2.15   | 23        |       |
| 1,1,1-Trichloroethane                       | 53.39  | 1.0  | ug/L  | 50.1                                              |               | 107  | 62-129      | 3.86   | 24        |       |
| Carbon Tetrachloride                        | 55.85  | 1.0  | ug/L  | 50.1                                              |               | 111  | 63-141      | 2.09   | 25        |       |
| Benzene                                     | 51.51  | 1.0  | ug/L  | 50.4                                              |               | 102  | 71-134      | 0.175  | 24        |       |
| 1,2-Dichloroethane                          | 53.44  | 1.0  | ug/L  | 50.1                                              |               | 107  | 72-132      | 2.33   | 24        |       |
| Trichloroethylene                           | 53.37  | 1.0  | ug/L  | 50.1                                              |               | 107  | 71-135      | 3.82   | 24        |       |
| 1,2-Dichloropropane                         | 51.92  | 1.0  | ug/L  | 50.1                                              |               | 104  | 69-136      | 3.28   | 24        |       |
| Dibromomethane                              | 47.94  | 1.0  | ug/L  | 50.4                                              |               | 95.2 | 73-147      | 0.712  | 25        |       |
| Bromodichloromethane                        | 52.42  | 1.0  | ug/L  | 50.1                                              |               | 105  | 68-129      | 0.0191 | 22        |       |
| cis-1,3-Dichloropropene                     | 56.30  | 1.0  | ug/L  | 50.1                                              |               | 112  | 65-134      | 1.68   | 23        |       |
| 4-Methyl-2-pentanone (MIBK)                 | 107.7  | 5.0  | ug/L  | 100                                               |               | 108  | 58-147      | 5.25   | 27        |       |
| Toluene                                     | 50.78  | 1.0  | ug/L  | 50.5                                              |               | 101  | 72-133      | 0.0394 | 24        |       |
| trans-1,3-Dichloropropene                   | 58.45  | 1.0  | ug/L  | 50.1                                              |               | 117  | 67-130      | 0.463  | 24        |       |
| 1,1,2-Trichloroethane                       | 51.71  | 1.0  | ug/L  | 50.1                                              |               | 103  | 69-135      | 4.89   | 23        |       |
| Tetrachloroethylene                         | 54.24  | 1.0  | ug/L  | 50.1                                              |               | 108  | 69-130      | 3.35   | 25        |       |
| 2-Hexanone (MBK)                            | 107.1  | 5.0  | ug/L  | 100                                               |               | 107  | 55-144      | 4.15   | 25        |       |
| Dibromochloromethane                        | 51.56  | 1.0  | ug/L  | 50.1                                              |               | 103  | 73-127      | 2.53   | 22        |       |
| 1,2-Dibromoethane                           | 53.43  | 1.0  | ug/L  | 50.2                                              |               | 106  | 67-132      | 1.25   | 24        |       |
| Chlorobenzene                               | 51.34  | 1.0  | ug/L  | 50.1                                              |               | 103  | 72-123      | 1.85   | 23        |       |
| 1,1,1,2-Tetrachloroethane                   | 50.20  | 1.0  | ug/L  | 50.3                                              |               | 99.7 | 73-127      | 5.82   | 24        |       |
| Ethylbenzene                                | 51.27  | 1.0  | ug/L  | 50.2                                              |               | 102  | 71-127      | 1.86   | 26        |       |
| Xylenes, total                              | 154.9  | 2.0  | ug/L  | 151                                               |               | 103  | 74-127      | 2.82   | 25        |       |
| Styrene                                     | 52.81  | 1.0  | ug/L  | 50.4                                              |               | 105  | 66-126      | 2.30   | 23        |       |
| Bromoform                                   | 55.65  | 1.0  | ug/L  | 50.1                                              |               | 111  | 68-130      | 0.233  | 23        |       |
| 1,2,3-Trichloropropane                      | 51.87  | 1.0  | ug/L  | 50.3                                              |               | 103  | 63-136      | 0.677  | 24        |       |
| trans-1,4-Dichloro-2-butene                 | 108.6  | 5.0  | ug/L  | 100                                               |               | 109  | 54-134      | 2.66   | 27        |       |
| 1,1,2,2-Tetrachloroethane                   | 50.64  | 1.0  | ug/L  | 50.1                                              |               | 101  | 61-131      | 5.35   | 29        |       |
| 1,4-Dichlorobenzene                         | 48.47  | 1.0  | ug/L  | 50.1                                              |               | 96.7 | 70-129      | 4.47   | 24        |       |
| 1,2-Dichlorobenzene                         | 51.07  | 1.0  | ug/L  | 50.1                                              |               | 102  | 69-126      | 2.64   | 26        |       |
| 1,2-Dibromo-3-chloropropane                 | 53.33  | 5.0  | ug/L  | 50.1                                              |               | 106  | 50-143      | 6.21   | 30        |       |
| Surrogate: Dibromofluoromethane             | 50.0   |      | ug/L  | 50.2                                              |               | 99.7 | 57-128      |        |           |       |
| Surrogate: Dibromofluoromethane             | 50.0   |      | ug/L  | 50.2                                              |               | 99.7 | 75-136      |        |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 53.3   |      | ug/L  | 50.4                                              |               | 106  | 49-135      |        |           |       |
| Surrogate: 1,2-Dichloroethane-d4            | 53.3   |      | ug/L  | 50.4                                              |               | 106  | 61-142      |        |           |       |
| Surrogate: Toluene-d8                       | 49.5   |      | ug/L  | 50.5                                              |               | 98.1 | 82-116      |        |           |       |

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| Determination of Volatile Organic Compounds | Result | RL   | Units | Spike Level                                       | Source Result                                     | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------|------|-------|---------------------------------------------------|---------------------------------------------------|------|-------------|-----|-----------|-------|
| Batch 11I0438 - EPA 5030B - EPA 8260D       |        |      |       |                                                   |                                                   |      |             |     |           |       |
| LCS Dup (11I0438-BSD1)                      |        |      |       | Prepared: 09/08/25 00:00 Analyzed: 09/08/25 10:21 |                                                   |      |             |     |           |       |
| Surrogate: Toluene-d8                       | 49.5   |      | ug/L  | 50.5                                              |                                                   | 98.1 | 82-121      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 50.3   |      | ug/L  | 50.2                                              |                                                   | 100  | 77-114      |     |           |       |
| Surrogate: 4-Bromofluorobenzene             | 50.3   |      | ug/L  | 50.2                                              |                                                   | 100  | 80-116      |     |           |       |
| Matrix Spike (11I0438-MS1)                  |        |      |       | Source: 11I0470-12                                | Prepared: 09/08/25 00:00 Analyzed: 09/08/25 17:12 |      |             |     |           |       |
| Chloromethane                               | 353.7  | 10.0 | ug/L  | 303                                               | ND                                                | 117  | 61-152      |     |           |       |
| Vinyl Chloride                              | 346.4  | 10.0 | ug/L  | 302                                               | ND                                                | 115  | 66-149      |     |           |       |
| Bromomethane                                | 319.4  | 10.0 | ug/L  | 301                                               | ND                                                | 106  | 43-171      |     |           |       |
| Chloroethane                                | 342.2  | 10.0 | ug/L  | 303                                               | ND                                                | 113  | 69-148      |     |           |       |
| Trichlorofluoromethane                      | 365.0  | 10.0 | ug/L  | 303                                               | ND                                                | 120  | 62-163      |     |           |       |
| 1,1-Dichloroethylene                        | 602.6  | 10.0 | ug/L  | 501                                               | ND                                                | 120  | 70-148      |     |           |       |
| Acetone                                     | 1227   | 100  | ug/L  | 1000                                              | ND                                                | 123  | 45-173      |     |           |       |
| Methyl Iodide                               | 941.7  | 10.0 | ug/L  | 1000                                              | ND                                                | 94.2 | 62-167      |     |           |       |
| Carbon Disulfide                            | 1177   | 10.0 | ug/L  | 1000                                              | ND                                                | 118  | 71-163      |     |           |       |
| Methylene Chloride                          | 548.5  | 50.0 | ug/L  | 501                                               | ND                                                | 109  | 69-140      |     |           |       |
| Acrylonitrile                               | 970.0  | 50.0 | ug/L  | 504                                               | ND                                                | 193  | 32-159      |     |           |       |
| trans-1,2-Dichloroethylene                  | 548.6  | 10.0 | ug/L  | 501                                               | ND                                                | 110  | 69-144      |     |           |       |
| 1,1-Dichloroethane                          | 564.1  | 10.0 | ug/L  | 501                                               | ND                                                | 113  | 70-138      |     |           |       |
| Vinyl Acetate                               | 1807   | 50.0 | ug/L  | 1310                                              | ND                                                | 138  | 58-142      |     |           |       |
| cis-1,2-Dichloroethylene                    | 539.7  | 10.0 | ug/L  | 504                                               | ND                                                | 107  | 68-151      |     |           |       |
| 2-Butanone (MEK)                            | 1222   | 100  | ug/L  | 1000                                              | ND                                                | 122  | 50-160      |     |           |       |
| Bromochloromethane                          | 538.3  | 10.0 | ug/L  | 504                                               | ND                                                | 107  | 65-143      |     |           |       |
| Chloroform                                  | 541.4  | 10.0 | ug/L  | 501                                               | ND                                                | 108  | 71-143      |     |           |       |
| 1,1,1-Trichloroethane                       | 555.1  | 10.0 | ug/L  | 501                                               | ND                                                | 111  | 63-133      |     |           |       |
| Carbon Tetrachloride                        | 584.6  | 10.0 | ug/L  | 501                                               | ND                                                | 117  | 63-142      |     |           |       |
| Benzene                                     | 516.8  | 10.0 | ug/L  | 504                                               | ND                                                | 102  | 69-133      |     |           |       |
| 1,2-Dichloroethane                          | 519.5  | 10.0 | ug/L  | 501                                               | ND                                                | 104  | 63-138      |     |           |       |
| Trichloroethylene                           | 557.3  | 10.0 | ug/L  | 501                                               | ND                                                | 111  | 71-133      |     |           |       |
| 1,2-Dichloropropane                         | 554.2  | 10.0 | ug/L  | 501                                               | ND                                                | 111  | 69-132      |     |           |       |
| Dibromomethane                              | 521.0  | 10.0 | ug/L  | 504                                               | ND                                                | 103  | 70-147      |     |           |       |
| Bromodichloromethane                        | 550.9  | 10.0 | ug/L  | 501                                               | ND                                                | 110  | 67-130      |     |           |       |
| cis-1,3-Dichloropropene                     | 544.7  | 10.0 | ug/L  | 501                                               | ND                                                | 109  | 61-126      |     |           |       |
| 4-Methyl-2-pentanone (MIBK)                 | 1062   | 50.0 | ug/L  | 1000                                              | ND                                                | 106  | 55-147      |     |           |       |
| Toluene                                     | 514.9  | 10.0 | ug/L  | 505                                               | ND                                                | 102  | 71-133      |     |           |       |
| trans-1,3-Dichloropropene                   | 569.6  | 10.0 | ug/L  | 501                                               | ND                                                | 114  | 63-124      |     |           |       |
| 1,1,2-Trichloroethane                       | 504.8  | 10.0 | ug/L  | 501                                               | ND                                                | 101  | 69-133      |     |           |       |
| Tetrachloroethylene                         | 539.6  | 10.0 | ug/L  | 501                                               | ND                                                | 108  | 70-124      |     |           |       |
| 2-Hexanone (MBK)                            | 1071   | 50.0 | ug/L  | 1000                                              | ND                                                | 107  | 53-141      |     |           |       |
| Dibromochloromethane                        | 519.1  | 10.0 | ug/L  | 501                                               | ND                                                | 104  | 74-122      |     |           |       |
| 1,2-Dibromoethane                           | 526.3  | 10.0 | ug/L  | 502                                               | ND                                                | 105  | 66-127      |     |           |       |
| Chlorobenzene                               | 520.5  | 10.0 | ug/L  | 501                                               | ND                                                | 104  | 76-116      |     |           |       |
| 1,1,1,2-Tetrachloroethane                   | 553.3  | 10.0 | ug/L  | 503                                               | ND                                                | 110  | 77-121      |     |           |       |
| Ethylbenzene                                | 529.0  | 10.0 | ug/L  | 502                                               | ND                                                | 105  | 73-124      |     |           |       |

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| Determination of Volatile Organic Compounds                                                          | Result | RL   | Units | Spike Level | Source Result | %REC | %REC Limits | RPD   | RPD Limit | Notes |
|------------------------------------------------------------------------------------------------------|--------|------|-------|-------------|---------------|------|-------------|-------|-----------|-------|
| Batch 11I0438 - EPA 5030B - EPA 8260D                                                                |        |      |       |             |               |      |             |       |           |       |
| Matrix Spike (11I0438-MS1) Source: 11I0470-12 Prepared: 09/08/25 00:00 Analyzed: 09/08/25 17:12      |        |      |       |             |               |      |             |       |           |       |
| Xylenes, total                                                                                       | 1616   | 20.0 | ug/L  | 1510        | ND            | 107  | 75-123      |       |           |       |
| Styrene                                                                                              | 556.6  | 10.0 | ug/L  | 504         | ND            | 111  | 70-120      |       |           |       |
| Bromoform                                                                                            | 568.1  | 10.0 | ug/L  | 501         | ND            | 113  | 70-124      |       |           |       |
| 1,2,3-Trichloropropane                                                                               | 575.4  | 10.0 | ug/L  | 503         | ND            | 114  | 62-135      |       |           |       |
| trans-1,4-Dichloro-2-butene                                                                          | 1101   | 50.0 | ug/L  | 1000        | ND            | 110  | 50-120      |       |           |       |
| 1,1,2,2-Tetrachloroethane                                                                            | 507.1  | 10.0 | ug/L  | 501         | ND            | 101  | 63-126      |       |           |       |
| 1,4-Dichlorobenzene                                                                                  | 491.3  | 10.0 | ug/L  | 501         | ND            | 98.0 | 72-119      |       |           |       |
| 1,2-Dichlorobenzene                                                                                  | 529.0  | 10.0 | ug/L  | 501         | ND            | 106  | 71-117      |       |           |       |
| 1,2-Dibromo-3-chloropropane                                                                          | 524.8  | 50.0 | ug/L  | 501         | ND            | 105  | 49-134      |       |           |       |
| Surrogate: Dibromofluoromethane                                                                      | 519    |      | ug/L  | 502         |               | 103  | 57-128      |       |           |       |
| Surrogate: Dibromofluoromethane                                                                      | 519    |      | ug/L  | 502         |               | 103  | 75-136      |       |           |       |
| Surrogate: 1,2-Dichloroethane-d4                                                                     | 517    |      | ug/L  | 504         |               | 103  | 49-135      |       |           |       |
| Surrogate: 1,2-Dichloroethane-d4                                                                     | 517    |      | ug/L  | 504         |               | 103  | 61-142      |       |           |       |
| Surrogate: Toluene-d8                                                                                | 496    |      | ug/L  | 505         |               | 98.4 | 82-116      |       |           |       |
| Surrogate: Toluene-d8                                                                                | 496    |      | ug/L  | 505         |               | 98.4 | 82-121      |       |           |       |
| Surrogate: 4-Bromofluorobenzene                                                                      | 514    |      | ug/L  | 502         |               | 102  | 77-114      |       |           |       |
| Surrogate: 4-Bromofluorobenzene                                                                      | 514    |      | ug/L  | 502         |               | 102  | 80-116      |       |           |       |
| Matrix Spike Dup (11I0438-MSD1) Source: 11I0470-12 Prepared: 09/08/25 00:00 Analyzed: 09/08/25 17:35 |        |      |       |             |               |      |             |       |           |       |
| Chloromethane                                                                                        | 346.1  | 10.0 | ug/L  | 303         | ND            | 114  | 61-152      | 2.17  | 26        |       |
| Vinyl Chloride                                                                                       | 342.1  | 10.0 | ug/L  | 302         | ND            | 113  | 66-149      | 1.25  | 23        |       |
| Bromomethane                                                                                         | 296.9  | 10.0 | ug/L  | 301         | ND            | 98.6 | 43-171      | 7.30  | 29        |       |
| Chloroethane                                                                                         | 314.1  | 10.0 | ug/L  | 303         | ND            | 104  | 69-148      | 8.56  | 25        |       |
| Trichlorofluoromethane                                                                               | 352.1  | 10.0 | ug/L  | 303         | ND            | 116  | 62-163      | 3.60  | 25        |       |
| 1,1-Dichloroethylene                                                                                 | 562.2  | 10.0 | ug/L  | 501         | ND            | 112  | 70-148      | 6.94  | 22        |       |
| Acetone                                                                                              | 1149   | 100  | ug/L  | 1000        | ND            | 115  | 45-173      | 6.52  | 30        |       |
| Methyl Iodide                                                                                        | 973.7  | 10.0 | ug/L  | 1000        | ND            | 97.4 | 62-167      | 3.34  | 24        |       |
| Carbon Disulfide                                                                                     | 1128   | 10.0 | ug/L  | 1000        | ND            | 113  | 71-163      | 4.23  | 22        |       |
| Methylene Chloride                                                                                   | 518.2  | 50.0 | ug/L  | 501         | ND            | 103  | 69-140      | 5.68  | 19        |       |
| Acrylonitrile                                                                                        | 972.1  | 50.0 | ug/L  | 504         | ND            | 193  | 32-159      | 0.216 | 30        |       |
| trans-1,2-Dichloroethylene                                                                           | 525.5  | 10.0 | ug/L  | 501         | ND            | 105  | 69-144      | 4.30  | 22        |       |
| 1,1-Dichloroethane                                                                                   | 539.7  | 10.0 | ug/L  | 501         | ND            | 108  | 70-138      | 4.42  | 20        |       |
| Vinyl Acetate                                                                                        | 1682   | 50.0 | ug/L  | 1310        | ND            | 128  | 58-142      | 7.19  | 24        |       |
| cis-1,2-Dichloroethylene                                                                             | 504.5  | 10.0 | ug/L  | 504         | ND            | 100  | 68-151      | 6.74  | 22        |       |
| 2-Butanone (MEK)                                                                                     | 1104   | 100  | ug/L  | 1000        | ND            | 110  | 50-160      | 10.1  | 23        |       |
| Bromochloromethane                                                                                   | 521.8  | 10.0 | ug/L  | 504         | ND            | 104  | 65-143      | 3.11  | 22        |       |
| Chloroform                                                                                           | 529.5  | 10.0 | ug/L  | 501         | ND            | 106  | 71-143      | 2.22  | 21        |       |
| 1,1,1-Trichloroethane                                                                                | 524.8  | 10.0 | ug/L  | 501         | ND            | 105  | 63-133      | 5.61  | 23        |       |
| Carbon Tetrachloride                                                                                 | 555.6  | 10.0 | ug/L  | 501         | ND            | 111  | 63-142      | 5.09  | 22        |       |
| Benzene                                                                                              | 492.9  | 10.0 | ug/L  | 504         | ND            | 97.7 | 69-133      | 4.73  | 18        |       |
| 1,2-Dichloroethane                                                                                   | 507.3  | 10.0 | ug/L  | 501         | ND            | 101  | 63-138      | 2.38  | 20        |       |
| Trichloroethylene                                                                                    | 516.3  | 10.0 | ug/L  | 501         | ND            | 103  | 71-133      | 7.64  | 23        |       |
| 1,2-Dichloropropane                                                                                  | 499.3  | 10.0 | ug/L  | 501         | ND            | 99.7 | 69-132      | 10.4  | 20        |       |
| Dibromomethane                                                                                       | 499.2  | 10.0 | ug/L  | 504         | ND            | 99.1 | 70-147      | 4.27  | 22        |       |

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| Determination of Volatile Organic Compounds | Result | RL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------------|--------|----|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| Batch 11I0438 - EPA 5030B - EPA 8260D       |        |    |       |             |               |      |             |     |           |       |

|                                  |       |                    |      |                                                   |    |      |        |      |    |  |
|----------------------------------|-------|--------------------|------|---------------------------------------------------|----|------|--------|------|----|--|
| Matrix Spike Dup (11I0438-MSD1)  |       | Source: 11I0470-12 |      | Prepared: 09/08/25 00:00 Analyzed: 09/08/25 17:35 |    |      |        |      |    |  |
| Bromodichloromethane             | 525.1 | 10.0               | ug/L | 501                                               | ND | 105  | 67-130 | 4.80 | 21 |  |
| cis-1,3-Dichloropropene          | 530.7 | 10.0               | ug/L | 501                                               | ND | 106  | 61-126 | 2.60 | 21 |  |
| 4-Methyl-2-pentanone (MIBK)      | 1025  | 50.0               | ug/L | 1000                                              | ND | 102  | 55-147 | 3.57 | 23 |  |
| Toluene                          | 496.1 | 10.0               | ug/L | 505                                               | ND | 98.3 | 71-133 | 3.72 | 19 |  |
| trans-1,3-Dichloropropene        | 556.5 | 10.0               | ug/L | 501                                               | ND | 111  | 63-124 | 2.33 | 21 |  |
| 1,1,2-Trichloroethane            | 489.3 | 10.0               | ug/L | 501                                               | ND | 97.7 | 69-133 | 3.12 | 19 |  |
| Tetrachloroethylene              | 516.6 | 10.0               | ug/L | 501                                               | ND | 103  | 70-124 | 4.36 | 24 |  |
| 2-Hexanone (MBK)                 | 1034  | 50.0               | ug/L | 1000                                              | ND | 103  | 53-141 | 3.56 | 24 |  |
| Dibromochloromethane             | 504.8 | 10.0               | ug/L | 501                                               | ND | 101  | 74-122 | 2.79 | 21 |  |
| 1,2-Dibromoethane                | 507.0 | 10.0               | ug/L | 502                                               | ND | 101  | 66-127 | 3.74 | 23 |  |
| Chlorobenzene                    | 491.6 | 10.0               | ug/L | 501                                               | ND | 98.2 | 76-116 | 5.71 | 21 |  |
| 1,1,1,2-Tetrachloroethane        | 505.5 | 10.0               | ug/L | 503                                               | ND | 100  | 77-121 | 9.03 | 25 |  |
| Ethylbenzene                     | 495.0 | 10.0               | ug/L | 502                                               | ND | 98.7 | 73-124 | 6.64 | 20 |  |
| Xylenes, total                   | 1526  | 20.0               | ug/L | 1510                                              | ND | 101  | 75-123 | 5.71 | 20 |  |
| Styrene                          | 526.8 | 10.0               | ug/L | 504                                               | ND | 105  | 70-120 | 5.50 | 23 |  |
| Bromoform                        | 553.5 | 10.0               | ug/L | 501                                               | ND | 110  | 70-124 | 2.60 | 22 |  |
| 1,2,3-Trichloropropane           | 521.2 | 10.0               | ug/L | 503                                               | ND | 104  | 62-135 | 9.89 | 28 |  |
| trans-1,4-Dichloro-2-butene      | 1043  | 50.0               | ug/L | 1000                                              | ND | 104  | 50-120 | 5.37 | 26 |  |
| 1,1,2,2-Tetrachloroethane        | 492.4 | 10.0               | ug/L | 501                                               | ND | 98.3 | 63-126 | 2.94 | 24 |  |
| 1,4-Dichlorobenzene              | 461.8 | 10.0               | ug/L | 501                                               | ND | 92.1 | 72-119 | 6.19 | 24 |  |
| 1,2-Dichlorobenzene              | 488.0 | 10.0               | ug/L | 501                                               | ND | 97.4 | 71-117 | 8.06 | 24 |  |
| 1,2-Dibromo-3-chloropropane      | 485.4 | 50.0               | ug/L | 501                                               | ND | 96.8 | 49-134 | 7.80 | 28 |  |
| Surrogate: Dibromofluoromethane  | 526   |                    | ug/L | 502                                               |    | 105  | 57-128 |      |    |  |
| Surrogate: Dibromofluoromethane  | 526   |                    | ug/L | 502                                               |    | 105  | 75-136 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 530   |                    | ug/L | 504                                               |    | 105  | 49-135 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 530   |                    | ug/L | 504                                               |    | 105  | 61-142 |      |    |  |
| Surrogate: Toluene-d8            | 498   |                    | ug/L | 505                                               |    | 98.7 | 82-116 |      |    |  |
| Surrogate: Toluene-d8            | 498   |                    | ug/L | 505                                               |    | 98.7 | 82-121 |      |    |  |
| Surrogate: 4-Bromofluorobenzene  | 501   |                    | ug/L | 502                                               |    | 99.8 | 77-114 |      |    |  |
| Surrogate: 4-Bromofluorobenzene  | 501   |                    | ug/L | 502                                               |    | 99.8 | 80-116 |      |    |  |

| Determination of Total Metals                                  | Result | RL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------------------------------------|--------|----|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| Batch 11I0356 - EPA 3005A Total Recoverable Metals - EPA 6020A |        |    |       |             |               |      |             |     |           |       |

|                      |         |                                                   |      |  |  |  |  |  |  |   |
|----------------------|---------|---------------------------------------------------|------|--|--|--|--|--|--|---|
| Blank (11I0356-BLK1) |         | Prepared: 09/05/25 16:09 Analyzed: 09/08/25 18:33 |      |  |  |  |  |  |  |   |
| Antimony, total      | <0.0010 | 0.0010                                            | mg/L |  |  |  |  |  |  |   |
| Arsenic, total       | <0.0020 | 0.0020                                            | mg/L |  |  |  |  |  |  |   |
| Barium, total        | <0.0010 | 0.0010                                            | mg/L |  |  |  |  |  |  |   |
| Beryllium, total     | <0.0005 | 0.0005                                            | mg/L |  |  |  |  |  |  |   |
| Cadmium, total       | <0.0002 | 0.0002                                            | mg/L |  |  |  |  |  |  |   |
| Chromium, total      | <0.0010 | 0.0010                                            | mg/L |  |  |  |  |  |  | B |
| Cobalt, total        | <0.0005 | 0.0005                                            | mg/L |  |  |  |  |  |  |   |
| Copper, total        | <0.0050 | 0.0050                                            | mg/L |  |  |  |  |  |  |   |

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| Determination of Total Metals                                  | Result  | RL     | Units                                             | Spike Level                                       | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|----------------------------------------------------------------|---------|--------|---------------------------------------------------|---------------------------------------------------|---------------|------|-------------|------|-----------|-------|
| Batch 11I0356 - EPA 3005A Total Recoverable Metals - EPA 6020A |         |        |                                                   |                                                   |               |      |             |      |           |       |
| Blank (11I0356-BLK1)                                           |         |        | Prepared: 09/05/25 16:09 Analyzed: 09/08/25 18:33 |                                                   |               |      |             |      |           |       |
| Lead, total                                                    | <0.0010 | 0.0010 | mg/L                                              |                                                   |               |      |             |      |           |       |
| Nickel, total                                                  | <0.0050 | 0.0050 | mg/L                                              |                                                   |               |      |             |      |           |       |
| Selenium, total                                                | <0.0020 | 0.0020 | mg/L                                              |                                                   |               |      |             |      |           |       |
| Silver, total                                                  | <0.0050 | 0.0050 | mg/L                                              |                                                   |               |      |             |      |           |       |
| Thallium, total                                                | <0.0005 | 0.0005 | mg/L                                              |                                                   |               |      |             |      |           |       |
| Vanadium, total                                                | <0.0020 | 0.0020 | mg/L                                              |                                                   |               |      |             |      |           |       |
| Zinc, total                                                    | <0.0050 | 0.0050 | mg/L                                              |                                                   |               |      |             |      |           | B     |
| LCS (11I0356-BS1)                                              |         |        | Prepared: 09/05/25 16:09 Analyzed: 09/08/25 18:35 |                                                   |               |      |             |      |           |       |
| Antimony, total                                                | 0.102   | 0.0010 | mg/L                                              | 0.100                                             |               | 102  | 80-120      |      |           |       |
| Arsenic, total                                                 | 0.100   | 0.0020 | mg/L                                              | 0.100                                             |               | 100  | 80-120      |      |           |       |
| Barium, total                                                  | 0.113   | 0.0010 | mg/L                                              | 0.100                                             |               | 113  | 80-120      |      |           |       |
| Beryllium, total                                               | 0.0999  | 0.0005 | mg/L                                              | 0.100                                             |               | 99.9 | 80-120      |      |           |       |
| Cadmium, total                                                 | 0.101   | 0.0002 | mg/L                                              | 0.100                                             |               | 101  | 80-120      |      |           |       |
| Chromium, total                                                | 0.101   | 0.0010 | mg/L                                              | 0.100                                             |               | 101  | 80-120      |      |           |       |
| Cobalt, total                                                  | 0.106   | 0.0005 | mg/L                                              | 0.100                                             |               | 106  | 80-120      |      |           |       |
| Copper, total                                                  | 0.0999  | 0.0050 | mg/L                                              | 0.100                                             |               | 99.9 | 80-120      |      |           |       |
| Lead, total                                                    | 0.102   | 0.0010 | mg/L                                              | 0.100                                             |               | 102  | 80-120      |      |           |       |
| Nickel, total                                                  | 0.0985  | 0.0050 | mg/L                                              | 0.100                                             |               | 98.5 | 80-120      |      |           |       |
| Selenium, total                                                | 0.1015  | 0.0020 | mg/L                                              | 0.100                                             |               | 101  | 80-120      |      |           |       |
| Silver, total                                                  | 0.103   | 0.0050 | mg/L                                              | 0.100                                             |               | 103  | 80-120      |      |           |       |
| Thallium, total                                                | 0.107   | 0.0005 | mg/L                                              | 0.100                                             |               | 107  | 80-120      |      |           |       |
| Vanadium, total                                                | 0.112   | 0.0020 | mg/L                                              | 0.100                                             |               | 112  | 80-120      |      |           |       |
| Zinc, total                                                    | 0.110   | 0.0050 | mg/L                                              | 0.100                                             |               | 110  | 80-120      |      |           |       |
| Matrix Spike (11I0356-MS1)                                     |         |        | Source: 11I0470-01                                | Prepared: 09/05/25 16:09 Analyzed: 09/08/25 19:00 |               |      |             |      |           |       |
| Antimony, total                                                | 0.103   | 0.0010 | mg/L                                              | 0.100                                             | ND            | 103  | 75-125      |      |           |       |
| Arsenic, total                                                 | 0.104   | 0.0020 | mg/L                                              | 0.100                                             | 0.0055        | 98.7 | 75-125      |      |           |       |
| Barium, total                                                  | 0.249   | 0.0010 | mg/L                                              | 0.100                                             | 0.152         | 97.4 | 75-125      |      |           |       |
| Beryllium, total                                               | 0.0991  | 0.0005 | mg/L                                              | 0.100                                             | ND            | 99.1 | 75-125      |      |           |       |
| Cadmium, total                                                 | 0.0999  | 0.0002 | mg/L                                              | 0.100                                             | ND            | 99.9 | 75-125      |      |           |       |
| Chromium, total                                                | 0.0997  | 0.0010 | mg/L                                              | 0.100                                             | 0.0012        | 98.5 | 75-125      |      |           |       |
| Cobalt, total                                                  | 0.110   | 0.0005 | mg/L                                              | 0.100                                             | 0.0089        | 101  | 75-125      |      |           |       |
| Copper, total                                                  | 0.0965  | 0.0050 | mg/L                                              | 0.100                                             | 0.0099        | 86.6 | 75-125      |      |           |       |
| Lead, total                                                    | 0.101   | 0.0010 | mg/L                                              | 0.100                                             | 0.0002        | 100  | 75-125      |      |           |       |
| Nickel, total                                                  | 0.103   | 0.0050 | mg/L                                              | 0.100                                             | 0.0120        | 91.1 | 75-125      |      |           |       |
| Selenium, total                                                | 0.0988  | 0.0020 | mg/L                                              | 0.100                                             | ND            | 98.8 | 75-125      |      |           |       |
| Silver, total                                                  | 0.103   | 0.0050 | mg/L                                              | 0.100                                             | ND            | 103  | 75-125      |      |           |       |
| Thallium, total                                                | 0.108   | 0.0005 | mg/L                                              | 0.100                                             | ND            | 108  | 75-125      |      |           |       |
| Vanadium, total                                                | 0.112   | 0.0020 | mg/L                                              | 0.100                                             | ND            | 112  | 75-125      |      |           |       |
| Zinc, total                                                    | 0.116   | 0.0050 | mg/L                                              | 0.100                                             | 0.0251        | 91.4 | 75-125      |      |           |       |
| Matrix Spike Dup (11I0356-MSD1)                                |         |        | Source: 11I0470-01                                | Prepared: 09/05/25 16:09 Analyzed: 09/08/25 19:03 |               |      |             |      |           |       |
| Antimony, total                                                | 0.110   | 0.0010 | mg/L                                              | 0.100                                             | ND            | 110  | 75-125      | 6.54 | 20        |       |
| Arsenic, total                                                 | 0.113   | 0.0020 | mg/L                                              | 0.100                                             | 0.0055        | 108  | 75-125      | 8.12 | 20        |       |
| Barium, total                                                  | 0.271   | 0.0010 | mg/L                                              | 0.100                                             | 0.152         | 120  | 75-125      | 8.62 | 20        |       |

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| Determination of Total Metals                                                                        | Result  | RL     | Units | Spike Level | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|------------------------------------------------------------------------------------------------------|---------|--------|-------|-------------|---------------|------|-------------|------|-----------|-------|
| Batch 11I0356 - EPA 3005A Total Recoverable Metals - EPA 6020A                                       |         |        |       |             |               |      |             |      |           |       |
| Matrix Spike Dup (11I0356-MSD1) Source: 11I0470-01 Prepared: 09/05/25 16:09 Analyzed: 09/08/25 19:03 |         |        |       |             |               |      |             |      |           |       |
| Beryllium, total                                                                                     | 0.106   | 0.0005 | mg/L  | 0.100       | ND            | 106  | 75-125      | 6.65 | 20        |       |
| Cadmium, total                                                                                       | 0.106   | 0.0002 | mg/L  | 0.100       | ND            | 106  | 75-125      | 5.76 | 20        |       |
| Chromium, total                                                                                      | 0.106   | 0.0010 | mg/L  | 0.100       | 0.0012        | 104  | 75-125      | 5.66 | 20        |       |
| Cobalt, total                                                                                        | 0.117   | 0.0005 | mg/L  | 0.100       | 0.0089        | 108  | 75-125      | 5.99 | 20        |       |
| Copper, total                                                                                        | 0.100   | 0.0050 | mg/L  | 0.100       | 0.0099        | 90.6 | 75-125      | 4.06 | 20        |       |
| Lead, total                                                                                          | 0.106   | 0.0010 | mg/L  | 0.100       | 0.0002        | 106  | 75-125      | 5.44 | 20        |       |
| Nickel, total                                                                                        | 0.108   | 0.0050 | mg/L  | 0.100       | 0.0120        | 95.9 | 75-125      | 4.56 | 20        |       |
| Selenium, total                                                                                      | 0.1078  | 0.0020 | mg/L  | 0.100       | ND            | 108  | 75-125      | 8.67 | 20        |       |
| Silver, total                                                                                        | 0.109   | 0.0050 | mg/L  | 0.100       | ND            | 109  | 75-125      | 5.98 | 20        |       |
| Thallium, total                                                                                      | 0.113   | 0.0005 | mg/L  | 0.100       | ND            | 113  | 75-125      | 3.74 | 20        |       |
| Vanadium, total                                                                                      | 0.117   | 0.0020 | mg/L  | 0.100       | ND            | 117  | 75-125      | 4.17 | 20        |       |
| Zinc, total                                                                                          | 0.122   | 0.0050 | mg/L  | 0.100       | 0.0251        | 97.0 | 75-125      | 4.76 | 20        |       |
| Post Spike (11I0356-PS1) Source: 11I0470-01 Prepared: 09/05/25 16:09 Analyzed: 09/08/25 19:05        |         |        |       |             |               |      |             |      |           |       |
| Antimony, total                                                                                      | 0.0211  |        | mg/L  | 0.0200      | 0.0003        | 104  | 80-120      |      |           |       |
| Arsenic, total                                                                                       | 0.0246  |        | mg/L  | 0.0200      | 0.0055        | 95.4 | 80-120      |      |           |       |
| Barium, total                                                                                        | 0.170   |        | mg/L  | 0.0200      | 0.152         | 93.1 | 80-120      |      |           |       |
| Beryllium, total                                                                                     | 0.0197  |        | mg/L  | 0.0200      | 0.000004      | 98.6 | 80-120      |      |           |       |
| Cadmium, total                                                                                       | 0.0199  |        | mg/L  | 0.0200      | 0.00008       | 99.0 | 80-120      |      |           |       |
| Chromium, total                                                                                      | 0.0203  |        | mg/L  | 0.0200      | 0.0012        | 95.1 | 80-120      |      |           |       |
| Cobalt, total                                                                                        | 0.0274  |        | mg/L  | 0.0200      | 0.0089        | 92.6 | 80-120      |      |           |       |
| Copper, total                                                                                        | 0.0275  |        | mg/L  | 0.0200      | 0.0099        | 88.0 | 80-120      |      |           |       |
| Lead, total                                                                                          | 0.0202  |        | mg/L  | 0.0200      | 0.0002        | 99.9 | 80-120      |      |           |       |
| Nickel, total                                                                                        | 0.0301  |        | mg/L  | 0.0200      | 0.0120        | 90.4 | 80-120      |      |           |       |
| Selenium, total                                                                                      | 0.0195  |        | mg/L  | 0.0200      | 0.0001        | 97.0 | 80-120      |      |           |       |
| Silver, total                                                                                        | 0.0204  |        | mg/L  | 0.0200      | 0.00003       | 102  | 80-120      |      |           |       |
| Thallium, total                                                                                      | 0.0199  |        | mg/L  | 0.0200      | 0.00002       | 99.5 | 80-120      |      |           |       |
| Vanadium, total                                                                                      | 0.0203  |        | mg/L  | 0.0200      | 0.0002        | 101  | 80-120      |      |           |       |
| Zinc, total                                                                                          | 0.0424  |        | mg/L  | 0.0200      | 0.0251        | 86.8 | 80-120      |      |           |       |
| Batch 11I0424 - EPA 3005A Total Recoverable Metals - EPA 6020A                                       |         |        |       |             |               |      |             |      |           |       |
| Blank (11I0424-BLK1) Prepared: 09/08/25 14:51 Analyzed: 09/09/25 17:40                               |         |        |       |             |               |      |             |      |           |       |
| Antimony, total                                                                                      | <0.0010 | 0.0010 | mg/L  |             |               |      |             |      |           |       |
| Arsenic, total                                                                                       | <0.0020 | 0.0020 | mg/L  |             |               |      |             |      |           |       |
| Barium, total                                                                                        | <0.0010 | 0.0010 | mg/L  |             |               |      |             |      |           |       |
| Beryllium, total                                                                                     | <0.0005 | 0.0005 | mg/L  |             |               |      |             |      |           |       |
| Cadmium, total                                                                                       | <0.0002 | 0.0002 | mg/L  |             |               |      |             |      |           |       |
| Chromium, total                                                                                      | <0.0010 | 0.0010 | mg/L  |             |               |      |             |      |           |       |
| Cobalt, total                                                                                        | <0.0005 | 0.0005 | mg/L  |             |               |      |             |      |           |       |
| Copper, total                                                                                        | <0.0050 | 0.0050 | mg/L  |             |               |      |             |      |           |       |
| Lead, total                                                                                          | <0.0010 | 0.0010 | mg/L  |             |               |      |             |      |           |       |
| Nickel, total                                                                                        | <0.0050 | 0.0050 | mg/L  |             |               |      |             |      |           |       |
| Selenium, total                                                                                      | <0.0020 | 0.0020 | mg/L  |             |               |      |             |      |           |       |
| Silver, total                                                                                        | <0.0050 | 0.0050 | mg/L  |             |               |      |             |      |           |       |

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| Determination of Total Metals                                  | Result  | RL     | Units | Spike Level                                       | Source Result | %REC                                              | %REC Limits | RPD   | RPD Limit | Notes |
|----------------------------------------------------------------|---------|--------|-------|---------------------------------------------------|---------------|---------------------------------------------------|-------------|-------|-----------|-------|
| Batch 11I0424 - EPA 3005A Total Recoverable Metals - EPA 6020A |         |        |       |                                                   |               |                                                   |             |       |           |       |
| Blank (11I0424-BLK1)                                           |         |        |       | Prepared: 09/08/25 14:51 Analyzed: 09/09/25 17:40 |               |                                                   |             |       |           |       |
| Thallium, total                                                | <0.0005 | 0.0005 | mg/L  |                                                   |               |                                                   |             |       |           |       |
| Vanadium, total                                                | <0.0020 | 0.0020 | mg/L  |                                                   |               |                                                   |             |       |           |       |
| Zinc, total                                                    | <0.0050 | 0.0050 | mg/L  |                                                   |               |                                                   |             |       |           |       |
| LCS (11I0424-BS1)                                              |         |        |       | Prepared: 09/08/25 14:51 Analyzed: 09/09/25 17:43 |               |                                                   |             |       |           |       |
| Antimony, total                                                | 0.105   | 0.0010 | mg/L  | 0.100                                             |               | 105                                               | 80-120      |       |           |       |
| Arsenic, total                                                 | 0.102   | 0.0020 | mg/L  | 0.100                                             |               | 102                                               | 80-120      |       |           |       |
| Barium, total                                                  | 0.107   | 0.0010 | mg/L  | 0.100                                             |               | 107                                               | 80-120      |       |           |       |
| Beryllium, total                                               | 0.102   | 0.0005 | mg/L  | 0.100                                             |               | 102                                               | 80-120      |       |           |       |
| Cadmium, total                                                 | 0.106   | 0.0002 | mg/L  | 0.100                                             |               | 106                                               | 80-120      |       |           |       |
| Chromium, total                                                | 0.105   | 0.0010 | mg/L  | 0.100                                             |               | 105                                               | 80-120      |       |           |       |
| Cobalt, total                                                  | 0.107   | 0.0005 | mg/L  | 0.100                                             |               | 107                                               | 80-120      |       |           |       |
| Copper, total                                                  | 0.0990  | 0.0050 | mg/L  | 0.100                                             |               | 99.0                                              | 80-120      |       |           |       |
| Lead, total                                                    | 0.105   | 0.0010 | mg/L  | 0.100                                             |               | 105                                               | 80-120      |       |           |       |
| Nickel, total                                                  | 0.0986  | 0.0050 | mg/L  | 0.100                                             |               | 98.6                                              | 80-120      |       |           |       |
| Selenium, total                                                | 0.1029  | 0.0020 | mg/L  | 0.100                                             |               | 103                                               | 80-120      |       |           |       |
| Silver, total                                                  | 0.104   | 0.0050 | mg/L  | 0.100                                             |               | 104                                               | 80-120      |       |           |       |
| Thallium, total                                                | 0.105   | 0.0005 | mg/L  | 0.100                                             |               | 105                                               | 80-120      |       |           |       |
| Vanadium, total                                                | 0.113   | 0.0020 | mg/L  | 0.100                                             |               | 113                                               | 80-120      |       |           |       |
| Zinc, total                                                    | 0.102   | 0.0050 | mg/L  | 0.100                                             |               | 102                                               | 80-120      |       |           |       |
| Matrix Spike (11I0424-MS1)                                     |         |        |       | Source: 11I0590-01                                |               | Prepared: 09/08/25 14:51 Analyzed: 09/09/25 18:13 |             |       |           |       |
| Antimony, total                                                | 0.108   | 0.0010 | mg/L  | 0.100                                             | 0.0011        | 107                                               | 75-125      |       |           |       |
| Arsenic, total                                                 | 0.108   | 0.0020 | mg/L  | 0.100                                             | 0.0047        | 103                                               | 75-125      |       |           |       |
| Barium, total                                                  | 0.434   | 0.0010 | mg/L  | 0.100                                             | 0.299         | 135                                               | 75-125      |       |           | M6    |
| Beryllium, total                                               | 0.109   | 0.0005 | mg/L  | 0.100                                             | ND            | 109                                               | 75-125      |       |           |       |
| Cadmium, total                                                 | 0.106   | 0.0002 | mg/L  | 0.100                                             | ND            | 106                                               | 75-125      |       |           |       |
| Chromium, total                                                | 0.107   | 0.0010 | mg/L  | 0.100                                             | 0.0011        | 106                                               | 75-125      |       |           |       |
| Cobalt, total                                                  | 0.103   | 0.0005 | mg/L  | 0.100                                             | 0.0003        | 102                                               | 75-125      |       |           |       |
| Copper, total                                                  | 0.0969  | 0.0050 | mg/L  | 0.100                                             | 0.0018        | 95.1                                              | 75-125      |       |           |       |
| Lead, total                                                    | 0.103   | 0.0010 | mg/L  | 0.100                                             | ND            | 103                                               | 75-125      |       |           |       |
| Nickel, total                                                  | 0.101   | 0.0050 | mg/L  | 0.100                                             | 0.0050        | 96.2                                              | 75-125      |       |           |       |
| Selenium, total                                                | 0.1034  | 0.0020 | mg/L  | 0.100                                             | ND            | 103                                               | 75-125      |       |           |       |
| Silver, total                                                  | 0.105   | 0.0050 | mg/L  | 0.100                                             | ND            | 105                                               | 75-125      |       |           |       |
| Thallium, total                                                | 0.104   | 0.0005 | mg/L  | 0.100                                             | ND            | 104                                               | 75-125      |       |           |       |
| Vanadium, total                                                | 0.118   | 0.0020 | mg/L  | 0.100                                             | ND            | 118                                               | 75-125      |       |           |       |
| Zinc, total                                                    | 0.106   | 0.0050 | mg/L  | 0.100                                             | 0.0073        | 98.7                                              | 75-125      |       |           |       |
| Matrix Spike Dup (11I0424-MSD1)                                |         |        |       | Source: 11I0590-01                                |               | Prepared: 09/08/25 14:51 Analyzed: 09/09/25 18:15 |             |       |           |       |
| Antimony, total                                                | 0.108   | 0.0010 | mg/L  | 0.100                                             | 0.0011        | 106                                               | 75-125      | 0.113 | 20        |       |
| Arsenic, total                                                 | 0.107   | 0.0020 | mg/L  | 0.100                                             | 0.0047        | 102                                               | 75-125      | 1.13  | 20        |       |
| Barium, total                                                  | 0.443   | 0.0010 | mg/L  | 0.100                                             | 0.299         | 145                                               | 75-125      | 2.20  | 20        | M6    |
| Beryllium, total                                               | 0.108   | 0.0005 | mg/L  | 0.100                                             | ND            | 108                                               | 75-125      | 0.960 | 20        |       |
| Cadmium, total                                                 | 0.105   | 0.0002 | mg/L  | 0.100                                             | ND            | 105                                               | 75-125      | 0.226 | 20        |       |
| Chromium, total                                                | 0.105   | 0.0010 | mg/L  | 0.100                                             | 0.0011        | 104                                               | 75-125      | 1.23  | 20        |       |
| Cobalt, total                                                  | 0.102   | 0.0005 | mg/L  | 0.100                                             | 0.0003        | 102                                               | 75-125      | 0.566 | 20        |       |

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CERTIFICATE OF ANALYSIS

11I0470

| Determination of Total Metals                                                                        | Result  | RL     | Units | Spike Level | Source Result | %REC | %REC Limits | RPD    | RPD Limit | Notes |
|------------------------------------------------------------------------------------------------------|---------|--------|-------|-------------|---------------|------|-------------|--------|-----------|-------|
| Batch 11I0424 - EPA 3005A Total Recoverable Metals - EPA 6020A                                       |         |        |       |             |               |      |             |        |           |       |
| Matrix Spike Dup (11I0424-MSD1) Source: 11I0590-01 Prepared: 09/08/25 14:51 Analyzed: 09/09/25 18:15 |         |        |       |             |               |      |             |        |           |       |
| Copper, total                                                                                        | 0.0956  | 0.0050 | mg/L  | 0.100       | 0.0018        | 93.8 | 75-125      | 1.30   | 20        |       |
| Lead, total                                                                                          | 0.104   | 0.0010 | mg/L  | 0.100       | ND            | 104  | 75-125      | 0.569  | 20        |       |
| Nickel, total                                                                                        | 0.102   | 0.0050 | mg/L  | 0.100       | 0.0050        | 97.0 | 75-125      | 0.802  | 20        |       |
| Selenium, total                                                                                      | 0.1028  | 0.0020 | mg/L  | 0.100       | ND            | 103  | 75-125      | 0.594  | 20        |       |
| Silver, total                                                                                        | 0.106   | 0.0050 | mg/L  | 0.100       | ND            | 106  | 75-125      | 0.931  | 20        |       |
| Thallium, total                                                                                      | 0.105   | 0.0005 | mg/L  | 0.100       | ND            | 105  | 75-125      | 0.858  | 20        |       |
| Vanadium, total                                                                                      | 0.117   | 0.0020 | mg/L  | 0.100       | ND            | 117  | 75-125      | 1.13   | 20        |       |
| Zinc, total                                                                                          | 0.106   | 0.0050 | mg/L  | 0.100       | 0.0073        | 98.8 | 75-125      | 0.0575 | 20        |       |
| Post Spike (11I0424-PS1) Source: 11I0590-01 Prepared: 09/08/25 14:51 Analyzed: 09/09/25 18:23        |         |        |       |             |               |      |             |        |           |       |
| Antimony, total                                                                                      | 0.0221  |        | mg/L  | 0.0200      | 0.0011        | 105  | 80-120      |        |           |       |
| Arsenic, total                                                                                       | 0.0250  |        | mg/L  | 0.0200      | 0.0047        | 102  | 80-120      |        |           |       |
| Barium, total                                                                                        | 0.316   |        | mg/L  | 0.0200      | 0.299         | 85.1 | 80-120      |        |           |       |
| Beryllium, total                                                                                     | 0.0210  |        | mg/L  | 0.0200      | -0.00002      | 105  | 80-120      |        |           |       |
| Cadmium, total                                                                                       | 0.0202  |        | mg/L  | 0.0200      | 0.00004       | 101  | 80-120      |        |           |       |
| Chromium, total                                                                                      | 0.0204  |        | mg/L  | 0.0200      | 0.0011        | 96.5 | 80-120      |        |           |       |
| Cobalt, total                                                                                        | 0.0191  |        | mg/L  | 0.0200      | 0.0003        | 94.2 | 80-120      |        |           |       |
| Copper, total                                                                                        | 0.0200  |        | mg/L  | 0.0200      | 0.0018        | 90.7 | 80-120      |        |           |       |
| Lead, total                                                                                          | 0.0193  |        | mg/L  | 0.0200      | 0.00004       | 96.4 | 80-120      |        |           |       |
| Nickel, total                                                                                        | 0.0236  |        | mg/L  | 0.0200      | 0.0050        | 93.0 | 80-120      |        |           |       |
| Selenium, total                                                                                      | 0.0212  |        | mg/L  | 0.0200      | 0.0003        | 105  | 80-120      |        |           |       |
| Silver, total                                                                                        | 0.0208  |        | mg/L  | 0.0200      | 0.00001       | 104  | 80-120      |        |           |       |
| Thallium, total                                                                                      | 0.0196  |        | mg/L  | 0.0200      | 0.00002       | 98.0 | 80-120      |        |           |       |
| Vanadium, total                                                                                      | 0.0200  |        | mg/L  | 0.0200      | -0.0002       | 100  | 80-120      |        |           |       |
| Zinc, total                                                                                          | 0.0264  |        | mg/L  | 0.0200      | 0.0073        | 95.2 | 80-120      |        |           |       |
| Batch 11I1138 - EPA 3005A Total Recoverable Metals - EPA 6020A                                       |         |        |       |             |               |      |             |        |           |       |
| Blank (11I1138-BLK1) Prepared: 09/18/25 15:30 Analyzed: 09/20/25 01:32                               |         |        |       |             |               |      |             |        |           |       |
| Copper, total                                                                                        | <0.0050 | 0.0050 | mg/L  |             |               |      |             |        |           |       |
| LCS (11I1138-BS1) Prepared: 09/18/25 15:30 Analyzed: 09/20/25 01:35                                  |         |        |       |             |               |      |             |        |           |       |
| Copper, total                                                                                        | 0.0964  | 0.0050 | mg/L  | 0.100       |               | 96.4 | 80-120      |        |           |       |
| Matrix Spike (11I1138-MS1) Source: 11I1427-01 Prepared: 09/18/25 15:30 Analyzed: 09/20/25 01:42      |         |        |       |             |               |      |             |        |           |       |
| Copper, total                                                                                        | 0.0984  | 0.0050 | mg/L  | 0.100       | 0.0020        | 96.4 | 75-125      |        |           |       |
| Matrix Spike Dup (11I1138-MSD1) Source: 11I1427-01 Prepared: 09/18/25 15:30 Analyzed: 09/20/25 01:50 |         |        |       |             |               |      |             |        |           |       |
| Copper, total                                                                                        | 0.108   | 0.0050 | mg/L  | 0.100       | 0.0020        | 106  | 75-125      | 9.76   | 20        |       |
| Post Spike (11I1138-PS1) Source: 11I1427-01 Prepared: 09/18/25 15:30 Analyzed: 09/20/25 01:52        |         |        |       |             |               |      |             |        |           |       |
| Copper, total                                                                                        | 0.0207  |        | mg/L  | 0.0200      | 0.0020        | 93.5 | 80-120      |        |           |       |



Microbac Laboratories, Inc., Newton

## CERTIFICATE OF ANALYSIS

1110470

### Definitions

|             |                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------|
| <b>B:</b>   | The target analyte was detected in the blank at or above the method acceptance criteria.                               |
| <b>M1:</b>  | Matrix spike recovery is above acceptance limits.                                                                      |
| <b>M6:</b>  | Matrix spike recovery is outside of acceptance limits. The analyte concentration is greater than 4X the spiking level. |
| <b>R1:</b>  | Duplicate RPD is outside acceptance criteria.                                                                          |
| <b>RL:</b>  | Reporting Limit                                                                                                        |
| <b>RPD:</b> | Relative Percent Difference                                                                                            |

### Cooler Receipt Log

Cooler ID: Default Cooler Temp: 1.0°C

### Cooler Inspection Checklist

|                  |     |                        |     |
|------------------|-----|------------------------|-----|
| Custody Seals    | No  | Containers Intact      | Yes |
| COC/Labels Agree | Yes | Preservation Confirmed | No  |
| Received On Ice  | Yes |                        |     |

### Report Comments

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. **The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.**

### Reviewed and Approved By:

Heather Murphy

Customer Relationship Specialist  
heather.murphy@microbac.com  
09/23/25 16:38



# CHAIN OF CUSTODY RECORD



600 East 17th Street South  
Newton, IA 50208  
Phone: 641-792-8451

Page 1 of 3  
Printed: 8/25/2025 10:12:14AM

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## SITE INFORMATION

Sampler: Todd Whipple

Project: **City of Newton SLF-New Regs-COC1**  
6002

## SPECIAL INSTRUCTIONS

None

### Turn Around Time

☐ Standard ☐ RUSH, need by \_\_\_/\_\_\_/\_\_\_

## REPORT TO

**Todd Whipple**  
HLW Engineering  
204 West Broad St  
Story City, IA 50248

## INVOICE TO

**Joe Grife**  
City of Newton  
403 W 4th St N Ste 501  
Newton, IA 50208

## LAB USE ONLY



1 I I 0 4 7 0

HLW Engineering  
PM: Heather Murphy

Temperature: 1.01°C °C

| Number | Sample Identification / Client ID | Matrix  | Sample Type | Date   | Time  | # Containers | Analyses                                    | Lab Sample Number |
|--------|-----------------------------------|---------|-------------|--------|-------|--------------|---------------------------------------------|-------------------|
| 01-001 | MW-45R                            | Aqueous | GRAB        | 9/3/25 | —     | Dry —        | Indfil-app1-metals-6020dfill-app1-voc-group |                   |
| 02-001 | MW-44                             | Aqueous | GRAB        | 9/3/25 | 8:24  | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 01                |
| 03-001 | MW-57                             | Aqueous | GRAB        | 9/3/25 | 9:35  | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 02                |
| 04-001 | MW-56                             | Aqueous | GRAB        | 9/3/25 | 9:04  | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 03                |
| 05-001 | MW-64                             | Aqueous | GRAB        | 9/3/25 | 9:18  | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 04                |
| 06-001 | MW-65                             | Aqueous | GRAB        | 9/3/25 | 8:45  | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 05                |
| 07-001 | SW-101R                           | Aqueous | GRAB        | 9/3/25 | 10:10 | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 06                |
| 08-001 | PECS-1                            | Aqueous | GRAB        | 9/3/25 | 10:22 | 6            | Indfill-app1-voc-group                      | 07                |
| 09-001 | SW-102                            | Aqueous | GRAB        | 9/3/25 | 10:32 | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 08                |
| 10-001 | SW-103                            | Aqueous | GRAB        | 9/3/25 | 8:40  | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 09                |

Relinquished By

Date/Time

Relinquished By

Date/Time

Received By

Date/Time

Received for Lab By

Date/Time

Remarks:

Todd Whipple 9/3/25 14:17

Amy Hochstetler 9/3/25 14:17

## CHAIN OF CUSTODY RECORD



600 East 17th Street South  
Newton, IA 50208  
Phone: 641-792-8451

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## SITE INFORMATION

Sampler: TODD WHIPPLE

Project: City of Newton SLF-New Regs-COC1  
6002

## SPECIAL INSTRUCTIONS

None

## Turn Around Time

☐ Standard ☐ RUSH, need by \_\_\_/\_\_\_/\_\_\_

## REPORT TO

Todd Whipple  
HLW Engineering  
204 West Broad St  
Story City, IA 50248

## INVOICE TO

Joe Grife  
City of Newton  
403 W 4th St N Ste 501  
Newton, IA 50208

LAB USE ONLY



1 I I 0 4 7 0

HLW Engineering  
PM: Heather Murphy

Temperature: 1.0 ice °C

| Number | Sample Identification / Client ID | Matrix  | Sample Type | Date   | Time  | # Containers | Analyses                                    | Lab Sample Number |
|--------|-----------------------------------|---------|-------------|--------|-------|--------------|---------------------------------------------|-------------------|
| 11-001 | MW-48 (B)                         | Aqueous | GRAB        | 9/3/25 | 9:49  | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 10                |
| 12-001 | MW-39 (B)                         | Aqueous | GRAB        | 9/3/25 | 11:29 | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 11                |
| 13-001 | MW-78 (B)                         | Aqueous | GRAB        | 9/3/25 | 10:59 | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 12                |
| 14-001 | MW-62R                            | Aqueous | GRAB        | 9/3/25 | 11:15 | 7            | Indfil-app2-org Indfil-app2-inorg-6020      | 13                |
| 15-001 | MW-79                             | Aqueous | GRAB        | 9/3/25 | 13:04 | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 14                |
| 16-001 | MW-80                             | Aqueous | GRAB        | 9/3/25 | 13:17 | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 15                |
| 17-001 | MW-36                             | Aqueous | GRAB        | 9/3/25 | 11:43 | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 14                |
| 18-001 | MW-41                             | Aqueous | GRAB        | 9/3/25 | 12:25 | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 17                |
| 19-001 | MW-42                             | Aqueous | GRAB        | 9/3/25 | 12:46 | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 18                |
| 20-001 | MW-58                             | Aqueous | GRAB        | 9/3/25 | 12:52 | 5*           | Indfil-app1-metals-6020dfill-app1-voc-group | 19                |

Relinquished By

Date/Time

9/3/25  
14:17

Relinquished By

Date/Time

Curry Hochstetler 9/3/25 14:17

Received By

Date/Time

Received for Lab By

Date/Time

Remarks:

MW-58 Not enough sample for all 6 vials.



# CHAIN OF CUSTODY RECORD



600 East 17th Street South  
Newton, IA 50208  
Phone: 641-792-8451

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Printed: 8/25/2025 10:12:14AM

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## SITE INFORMATION

Sampler: TODD WHIPPLE

Project: **City of Newton SLF-New Regs-COC1**  
6002

## SPECIAL INSTRUCTIONS

None

### Turn Around Time

☐ Standard ☐ RUSH, need by \_\_\_/\_\_\_/\_\_\_

## REPORT TO

**Todd Whipple**  
HLW Engineering  
204 West Broad St  
Story City, IA 50248

## INVOICE TO

**Joe Grife**  
City of Newton  
403 W 4th St N Ste 501  
Newton, IA 50208



1 I I 0 4 7 0

HLW Engineering  
PM: Heather Murphy

Temperature: 1.0 ice °C

| Number | Sample Identification / Client ID | Matrix  | Sample Type | Date   | Time  | # Containers | Analyses                                    | Lab Sample Number |
|--------|-----------------------------------|---------|-------------|--------|-------|--------------|---------------------------------------------|-------------------|
| 21-001 | MW-59                             | Aqueous | GRAB        | 9/3/25 | 10:58 | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 20                |
| 22-001 | MW-60                             | Aqueous | GRAB        | 9/3/25 | 11:55 | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 21                |
| 23-001 | MW-61                             | Aqueous | GRAB        | 9/3/25 | 12:04 | 7            | Indfil-app1-metals-6020dfill-app1-voc-group | 22                |
| 24-001 | Duplicate                         | Aqueous | GRAB        | 9/3/25 | ✓     | 1            | Indfil-app1-metals-6020                     | 23                |
|        |                                   |         |             |        |       |              |                                             |                   |
|        |                                   |         |             |        |       |              |                                             |                   |

Relinquished By

Date/Time

9/3/25  
14:17

Relinquished By

Date/Time

Berny Hochstetler 9/3/25 14:17

Received By

Date/Time

Received for Lab By

Date/Time

Remarks:

**ATTACHMENT B**

**Field Sampling Forms**

NEWTON SANITARY LANDFILL  
PERMIT # 50-SDP-1-75P

CLOSED 1945 LANDFILL

3/12/2025

Sampled by: T. Whipple

Weather conditions: Sunny, calm, 40-62 degrees

IDNR Form 542-1322

Monitoring Well: MW-44 (dg)

Primary Sampling Method:  
Secondary Sampling Method:

No-Purge for Appendix I  
Purge & Sample for all analytes beyond Appendix I

GENERAL INFORMATION

|                      |             |
|----------------------|-------------|
| TOC                  | 834.55      |
| Well Depth           | 20.87       |
| Capped               | YES         |
| Standing Water       | NO          |
| Litter               | NO          |
| Level Tape           | Solinst 101 |
| NTU Meter            | Hach 2100P  |
| No-Purge Equipment - | Solinst 429 |
| Purge Equipment -    | Waterra     |

NO PURGE METHOD

|                     |        |
|---------------------|--------|
| TOC                 | 834.55 |
| Well Depth          | 20.50  |
| Top Screen          | 823.68 |
| Bottom Screen       | 813.68 |
| Bottom Well         | 813.68 |
| Sampler Length (ft) | 4.00   |
| Sampler Volume (mL) | 440.00 |
| Feet cordage        | 15.00  |
| Top sample          | 819.55 |
| Bottom sample       | 815.55 |
| Turbidity(NTU)      | 32.75  |

| Date      | Time  | Water Level | Water Elevation | Notes |
|-----------|-------|-------------|-----------------|-------|
| 3/12/2025 | 13:19 | 4.71        | 829.84          |       |

ANALYTES, CONTAINERS, AND VOLUMES

| Analyte          |                    | Required Volume (mL) | Volume Collected No-Purge (mL) | Volume Collected Purge & Sample (mL) | Turbidity this Container (NTU) |
|------------------|--------------------|----------------------|--------------------------------|--------------------------------------|--------------------------------|
| All              | Field NTU          | 10                   | 10                             |                                      | 32.75                          |
| Appendix I       | Metals             | 150                  | 150                            |                                      | 32.75                          |
| Appendix I       | VOC                | 240                  | 240                            |                                      | 32.75                          |
| Full Appendix II | 10 more containers | 5620                 |                                | 5620                                 |                                |
| TSS              | TSS                | 1000                 |                                |                                      |                                |
| Old Landfill     | Paragraph "E"      | 750                  |                                |                                      |                                |
| Supplemental     |                    |                      |                                |                                      |                                |
| Total            |                    |                      | 400                            | 5620                                 |                                |

PURGE & SAMPLE METHOD - Purge by Waterra Inertial Lift Pump, then well rest, then sample collection

|            |        |                         |           |       |       |           |                                        |           |             |
|------------|--------|-------------------------|-----------|-------|-------|-----------|----------------------------------------|-----------|-------------|
| TOC        | 834.55 | 2" dia.                 | Date      | Time  | Depth | Elevation | Gallons                                | # of Vol. | Purged Dry? |
| Well Depth | 20.87  | Before purging          | 3/12/2025 | 13:19 | 4.71  | 829.84    | 7                                      | 2.7       |             |
|            |        | After purging           |           | 13:33 | 11.40 | 823.15    |                                        |           |             |
|            |        | Top of Screen 5/2/1990  |           |       |       | 823.68    |                                        |           |             |
|            |        |                         |           |       |       | -0.53     | feet above (+) or below (-) top screen |           |             |
|            |        | Bottom of Well 5/2/1990 |           |       |       | 813.68    |                                        |           |             |
|            |        | Bottom of Well          | 3/12/2025 |       | 20.50 | 814.05    |                                        |           |             |
|            |        |                         |           |       |       | 0.37      | feet sedimentation                     |           |             |
|            |        | Before Sampling         |           |       |       | 834.55    |                                        |           |             |
|            |        | Recovery                |           |       |       | 834.55    |                                        |           |             |
|            |        | Recovery                |           |       |       | 834.55    |                                        |           |             |
|            |        | Recovery                |           |       |       | 834.55    | pH                                     | Cond.     | Temp        |
|            |        | Recovery                |           |       |       | 834.55    |                                        |           |             |

IDNR Form 542-1322

Monitoring Well: MW-45R (dg)

Primary Sampling Method: No-Purge for Appendix I  
Secondary Sampling Method: Purge & Sample for all analytes beyond Appendix I

GENERAL INFORMATION

|                      |             |
|----------------------|-------------|
| TOC                  | 875.51      |
| Well Depth           | 26.90       |
| Capped               | YES         |
| Standing Water       | NO          |
| Litter               | NO          |
| Level Tape           | Solinst 101 |
| NTU Meter            | Hach 2100P  |
| No-Purge Equipment - | Solinst 429 |
| Purge Equipment -    | Waterra     |

NO PURGE METHOD

|                     |        |
|---------------------|--------|
| TOC                 | 875.51 |
| Well Depth          | 26.90  |
| Top Screen          | 858.61 |
| Bottom Screen       | 848.61 |
| Bottom Well         | 848.61 |
| Sampler Length (ft) | 4.00   |
| Sampler Volume (mL) | 440.00 |
| Feet cordage        |        |
| Top sample          | 875.51 |
| Bottom sample       | 871.51 |
| Turbidity(NTU)      |        |

| Date      | Time | Water Level | Water Elevation | Notes |
|-----------|------|-------------|-----------------|-------|
| 3/12/2025 |      | 27.00       | 848.51          | DRY   |

ANALYTES, CONTAINERS, AND VOLUMES

| Analyte          |                    | Required Volume (mL) | Volume Collected No-Purge (mL) | Volume Collected Purge & Sample (mL) | Turbidity this Container (NTU) |
|------------------|--------------------|----------------------|--------------------------------|--------------------------------------|--------------------------------|
| All              | Field NTU          | 10                   |                                |                                      | 0.00                           |
| Appendix I       | Metals             | 250                  |                                |                                      | 0.00                           |
| Appendix I       | VOC                | 120                  |                                |                                      | 0.00                           |
| Full Appendix II | 10 more containers | 5620                 |                                |                                      |                                |
| TSS              | TSS                | 1000                 |                                |                                      |                                |
| Old Landfill     | Paragraph "E"      | 750                  |                                |                                      |                                |
| Supplemental     |                    |                      |                                |                                      |                                |
| Total            |                    |                      | 0                              | 0                                    |                                |

Dry

PURGE & SAMPLE METHOD - Purge by Waterra Inertial Lift Pump, then well rest, then sample collection

|            |        |                          |           |      |       |           |                                        |           |             |
|------------|--------|--------------------------|-----------|------|-------|-----------|----------------------------------------|-----------|-------------|
| TOC        | 875.51 | 2" dia.                  | Date      | Time | Depth | Elevation | Gallons                                | # of Vol. | Purged Dry? |
| Well Depth | 26.90  | Before purging           | 3/12/2025 |      | 27.00 | 848.51    |                                        | 0.0       | yes         |
|            |        | After purging            |           |      |       | 875.51    |                                        |           |             |
|            |        | Top of Screen 5/24/2021  |           |      |       | 858.61    |                                        |           |             |
|            |        |                          |           |      |       | 16.90     | feet above (+) or below (-) top screen |           |             |
|            |        | Bottom of Well 5/24/2021 |           |      |       | 848.61    |                                        |           |             |
|            |        | Bottom of Well           | 3/12/2025 |      | 27.00 | 848.51    |                                        |           |             |
|            |        |                          |           |      |       | -0.10     | feet sedimentation                     |           |             |
|            |        | Before Sampling          |           |      |       | 875.51    |                                        |           |             |
|            |        | Before Sampling          |           |      |       | 875.51    |                                        |           |             |
|            |        | Recovery                 |           |      |       | 875.51    |                                        |           |             |
|            |        | Recovery                 |           |      |       | 875.51    | pH                                     | Cond.     | Temp        |
|            |        | Recovery                 |           |      |       | 875.51    |                                        |           |             |

IDNR Form 542-1322

Monitoring Well: MW-56 (dg)

Primary Sampling Method:  
Secondary Sampling Method:

No-Purge for Appendix I  
Purge & Sample for all analytes beyond Appendix I

GENERAL INFORMATION

|                      |             |
|----------------------|-------------|
| TOC                  | 839.21      |
| Well Depth           | 19.61       |
| Capped               | YES         |
| Standing Water       | NO          |
| Litter               | NO          |
| Level Tape           | Solinst 101 |
| NTU Meter            | Hach 2100P  |
| No-Purge Equipment - | Solinst 429 |
| Purge Equipment -    | Waterra     |

NO PURGE METHOD

|                     |        |
|---------------------|--------|
| TOC                 | 839.21 |
| Well Depth          | 19.20  |
| Top Screen          | 829.60 |
| Bottom Screen       | 819.60 |
| Bottom Well         | 819.60 |
| Sampler Length (ft) | 4.00   |
| Sampler Volume (mL) | 440.00 |
| Feet cordage        | 13.00  |
| Top sample          | 826.21 |
| Bottom sample       | 822.21 |
| Turbidity(NTU)      | 6.56   |

| Date      | Time  | Water Level | Water Elevation | Notes |
|-----------|-------|-------------|-----------------|-------|
| 3/12/2025 | 13:57 | 7.31        | 831.9           |       |

ANALYTES, CONTAINERS, AND VOLUMES

| Analyte          |                    | Required Volume (mL) | Volume Collected No-Purge (mL) | Volume Collected Purge & Sample (mL) | Turbidity this Container (NTU) |
|------------------|--------------------|----------------------|--------------------------------|--------------------------------------|--------------------------------|
| All              | Field NTU          | 10                   | 10                             |                                      | 6.56                           |
| Appendix I       | Metals             | 150                  | 150                            |                                      | 6.56                           |
| Appendix I       | VOC                | 240                  | 240                            |                                      | 6.56                           |
| Full Appendix II | 10 more containers | 5620                 |                                |                                      |                                |
| TSS              | TSS                | 1000                 |                                |                                      |                                |
| Old Landfill     | Paragraph "E"      | 750                  |                                |                                      |                                |
| Supplemental     |                    |                      |                                |                                      |                                |
| Total            |                    |                      | 400                            | 0                                    |                                |

PURGE & SAMPLE METHOD - Purge by Waterra Inertial Lift Pump, then well rest, then sample collection

|            |        |                          |           |       |       |           |                                        |           |             |
|------------|--------|--------------------------|-----------|-------|-------|-----------|----------------------------------------|-----------|-------------|
| TOC        | 839.21 | 2" dia.                  | Date      | Time  | Depth | Elevation | Gallons                                | # of Vol. | Purged Dry? |
| Well Depth | 19.61  | Before purging           | 3/12/2025 | 13:57 | 7.31  | 831.90    |                                        | 0.0       | no          |
|            |        | After purging            |           |       |       | 839.21    |                                        |           |             |
|            |        | Top of Screen 2/11/1992  |           |       |       | 829.60    |                                        |           |             |
|            |        |                          |           |       |       | 9.61      | feet above (+) or below (-) top screen |           |             |
|            |        | Bottom of Well 2/11/1992 |           |       |       | 819.60    |                                        |           |             |
|            |        | Bottom of Well           | 3/12/2025 |       | 19.25 | 819.96    |                                        |           |             |
|            |        |                          |           |       |       | 0.36      | feet sedimentation                     |           |             |
|            |        | Before Sampling          |           |       |       | 839.21    |                                        |           |             |
|            |        | Recovery                 |           |       |       | 839.21    |                                        |           |             |
|            |        | Recovery                 |           |       |       | 839.21    |                                        |           |             |
|            |        | Recovery                 |           |       |       | 839.21    | pH                                     | Cond.     | Temp        |
|            |        | Recovery                 |           |       |       | 839.21    |                                        |           |             |



IDNR Form 542-1322

Monitoring Well: MW-57 (dg)

Primary Sampling Method:  
Secondary Sampling Method:

No-Purge for Appendix I  
Purge & Sample for all analytes beyond Appendix I

GENERAL INFORMATION

|                      |             |
|----------------------|-------------|
| TOC                  | 844.1       |
| Well Depth           | 17.70       |
| Capped               | YES         |
| Standing Water       | NO          |
| Litter               | NO          |
| Level Tape           | Solinst 101 |
| NTU Meter            | Hach 2100P  |
| No-Purge Equipment - | Solinst 429 |
| Purge Equipment -    | Waterra     |

NO PURGE METHOD

|                     |        |
|---------------------|--------|
| TOC                 | 844.1  |
| Well Depth          | 17.50  |
| Top Screen          | 836.40 |
| Bottom Screen       | 826.40 |
| Bottom Well         | 826.40 |
| Sampler Length (ft) | 4.00   |
| Sampler Volume (mL) | 440.00 |
| Feet cordage        | 12.00  |
| Top sample          | 832.10 |
| Bottom sample       | 828.10 |
| Turbidity(NTU)      | 3.25   |

| Date      | Time  | Water Level | Water Elevation | Notes |
|-----------|-------|-------------|-----------------|-------|
| 3/12/2025 | 14:22 | 4.72        | 839.38          |       |

ANALYTES, CONTAINERS, AND VOLUMES

| Analyte          |                    | Required Volume (mL) | Volume Collected No-Purge (mL) | Volume Collected Purge & Sample (mL) | Turbidity this Container (NTU) |
|------------------|--------------------|----------------------|--------------------------------|--------------------------------------|--------------------------------|
| All              | Field NTU          | 10                   | 10                             |                                      | 3.25                           |
| Appendix I       | Metals             | 150                  | 150                            |                                      | 3.25                           |
| Appendix I       | VOC                | 240                  | 240                            |                                      | 3.25                           |
| Full Appendix II | 10 more containers | 5620                 |                                | 5620                                 |                                |
| TSS              | TSS                | 1000                 |                                |                                      |                                |
| Old Landfill     | Paragraph "E"      | 750                  |                                |                                      |                                |
| Supplemental     |                    |                      |                                |                                      |                                |
| Total            |                    |                      | 400                            | 5620                                 |                                |

PURGE & SAMPLE METHOD - Purge by Waterra Inertial Lift Pump, then well rest, then sample collection

|                |                   |                          |           |       |       |           |                                        |           |             |
|----------------|-------------------|--------------------------|-----------|-------|-------|-----------|----------------------------------------|-----------|-------------|
| TOC            | 844.1             | 2" dia.                  | Date      | Time  | Depth | Elevation | Gallons                                | # of Vol. | Purged Dry? |
| Well Depth     | 17.70             | Before purging           | 3/12/2025 | 14:22 | 4.72  | 839.38    | 7                                      | 3.3       |             |
| Capped         | YES               | After purging            |           | 14:36 | 6.95  | 837.15    |                                        |           |             |
| Standing Water | NO                | Top of Screen 2/11/1992  |           |       |       | 836.40    |                                        |           |             |
| Litter         | NO                |                          |           |       |       | 0.75      | feet above (+) or below (-) top screen |           |             |
| Level Tape     | Solinst           | Bottom of Well 2/11/1992 |           |       |       | 826.40    |                                        |           |             |
| Equipment      | Disposable Bailer | Bottom of Well           | 3/12/2025 |       | 17.50 | 826.60    |                                        |           |             |
|                |                   |                          |           |       |       | 0.20      | feet sedimentation                     |           |             |
|                |                   | Before Sampling          |           |       |       | 844.10    |                                        |           |             |
|                |                   | Recovery                 |           |       |       | 844.10    |                                        |           |             |
|                |                   | Recovery                 |           |       |       | 844.10    |                                        |           |             |
|                |                   | Recovery                 |           |       |       | 844.10    | pH                                     | Cond.     | Temp        |
|                |                   | Recovery                 |           |       |       | 844.10    |                                        |           |             |

IDNR Form 542-1322

Monitoring Well: MW-64 (dg)

Primary Sampling Method:  
Secondary Sampling Method:

No-Purge for Appendix I  
Purge & Sample for all analytes beyond Appendix I

GENERAL INFORMATION

|                      |             |
|----------------------|-------------|
| TOC                  | 839.6       |
| Well Depth           | 27.70       |
| Capped               | YES         |
| Standing Water       | NO          |
| Litter               | NO          |
| Level Tape           | Solinst 101 |
| NTU Meter            | Hach 2100P  |
| No-Purge Equipment - | Solinst 429 |
| Purge Equipment -    | Waterra     |

NO PURGE METHOD

|                     |        |
|---------------------|--------|
| TOC                 | 839.6  |
| Well Depth          | 27.00  |
| Top Screen          | 826.90 |
| Bottom Screen       | 811.90 |
| Bottom Well         | 811.90 |
| Sampler Length (ft) | 4.00   |
| Sampler Volume (mL) | 440.00 |
| Feet cordage        | 21.00  |
| Top sample          | 818.60 |
| Bottom sample       | 814.60 |
| Turbidity(NTU)      | 42.19  |

| Date      | Time  | Water Level | Water Elevation | Notes |
|-----------|-------|-------------|-----------------|-------|
| 3/12/2025 | 14:11 | 7.76        | 831.84          |       |

ANALYTES, CONTAINERS, AND VOLUMES

| Analyte          |                    | Required Volume (mL) | Volume Collected No-Purge (mL) | Volume Collected Purge & Sample (mL) | Turbidity this Container (NTU) |
|------------------|--------------------|----------------------|--------------------------------|--------------------------------------|--------------------------------|
| All              | Field NTU          | 10                   | 10                             |                                      | 42.19                          |
| Appendix I       | Metals             | 150                  | 150                            |                                      | 42.19                          |
| Appendix I       | VOC                | 240                  | 240                            |                                      | 42.19                          |
| Full Appendix II | 10 more containers | 5620                 |                                | 0                                    |                                |
| TSS              | TSS                | 1000                 |                                | 0                                    |                                |
| Old Landfill     | Paragraph "E"      | 750                  |                                | 0                                    |                                |
| Supplemental     |                    |                      |                                |                                      |                                |
| Total            |                    |                      | 400                            | 0                                    |                                |

PURGE & SAMPLE METHOD - Purge by Waterra Inertial Lift Pump, then well rest, then sample collection

|            |       |                          |           |       |       |           |                                        |           |             |
|------------|-------|--------------------------|-----------|-------|-------|-----------|----------------------------------------|-----------|-------------|
| TOC        | 839.6 | 2" dia.                  | Date      | Time  | Depth | Elevation | Gallons                                | # of Vol. | Purged Dry? |
| Well Depth | 27.70 | Before purging           | 3/12/2025 | 14:11 | 7.76  | 831.84    |                                        | 0.0       |             |
|            |       | After purging            |           |       |       | 839.60    |                                        |           |             |
|            |       | Top of Screen 1/12/1998  |           |       |       | 826.90    |                                        |           |             |
|            |       |                          |           |       |       | 12.70     | feet above (+) or below (-) top screen |           |             |
|            |       | Bottom of Well 1/12/1998 |           |       |       | 811.90    |                                        |           |             |
|            |       | Bottom of Well           | 3/12/2025 |       | 27.00 | 812.60    |                                        |           |             |
|            |       |                          |           |       |       | 0.70      | feet sedimentation                     |           |             |
|            |       | Before Sampling          |           |       |       | 839.60    |                                        |           |             |
|            |       | Recovery                 |           |       |       | 839.60    |                                        |           |             |
|            |       | Recovery                 |           |       |       | 839.60    |                                        |           |             |
|            |       | Recovery                 |           |       |       | 839.60    | pH                                     | Cond.     | Temp        |
|            |       | Recovery                 |           |       |       | 839.60    |                                        |           |             |

IDNR Form 542-1322

Monitoring Well: MW-65 (dg)

Primary Sampling Method:  
Secondary Sampling Method:

No-Purge for Appendix I  
Purge & Sample for all analytes beyond Appendix I

GENERAL INFORMATION

|                      |             |
|----------------------|-------------|
| TOC                  | 833.26      |
| Well Depth           | 27.33       |
| Capped               | YES         |
| Standing Water       | NO          |
| Litter               | NO          |
| Level Tape           | Solinst 101 |
| NTU Meter            | Hach 2100P  |
| No-Purge Equipment - | Solinst 429 |
| Purge Equipment -    | Waterra     |

NO PURGE METHOD

|                     |        |
|---------------------|--------|
| TOC                 | 833.26 |
| Well Depth          | 26.90  |
| Top Screen          | 816.18 |
| Bottom Screen       | 806.18 |
| Bottom Well         | 805.93 |
| Sampler Length (ft) | 4.00   |
| Sampler Volume (mL) | 440.00 |
| Feet cordage        | 21.00  |
| Top sample          | 812.26 |
| Bottom sample       | 808.26 |
| Turbidity(NTU)      | 20.27  |

| Date      | Time  | Water Level | Water Elevation | Notes |
|-----------|-------|-------------|-----------------|-------|
| 3/12/2025 | 13:45 | 8.03        | 825.23          |       |

ANALYTES, CONTAINERS, AND VOLUMES

| Analyte          |                    | Required Volume (mL) | Volume Collected No-Purge (mL) | Volume Collected Purge & Sample (mL) | Turbidity this Container (NTU) |
|------------------|--------------------|----------------------|--------------------------------|--------------------------------------|--------------------------------|
| All              | Field NTU          | 10                   | 10                             |                                      | 20.27                          |
| Appendix I       | Metals             | 150                  | 150                            |                                      | 20.27                          |
| Appendix I       | VOC                | 240                  | 240                            |                                      | 20.27                          |
| Full Appendix II | 10 more containers | 5620                 |                                |                                      |                                |
| TSS              | TSS                | 1000                 |                                |                                      |                                |
| Old Landfill     | Paragraph "E"      | 750                  |                                |                                      |                                |
| Supplemental     |                    |                      |                                |                                      |                                |
| Total            |                    |                      | 400                            | 0                                    |                                |

PURGE & SAMPLE METHOD - Purge by Waterra Inertial Lift Pump, then well rest, then sample collection

|            |        |                          |           |       |       |           |                                        |           |             |
|------------|--------|--------------------------|-----------|-------|-------|-----------|----------------------------------------|-----------|-------------|
| TOC        | 833.26 | 2" dia.                  | Date      | Time  | Depth | Elevation | Gallons                                | # of Vol. | Purged Dry? |
| Well Depth | 27.33  | Before purging           | 3/12/2025 | 13:45 | 8.03  | 825.23    |                                        | 0.0       |             |
|            |        | After purging            |           |       |       | 833.26    |                                        |           |             |
|            |        | Top of Screen 1/12/1998  |           |       |       | 816.18    |                                        |           |             |
|            |        |                          |           |       |       | 17.08     | feet above (+) or below (-) top screen |           |             |
|            |        | Bottom of Well 1/12/1998 |           |       |       | 805.93    |                                        |           |             |
|            |        | Bottom of Well           | 3/12/2025 |       | 26.60 | 806.66    |                                        |           |             |
|            |        |                          |           |       |       | 0.73      | feet sedimentation                     |           |             |
|            |        | Before Sampling          |           |       |       | 833.26    |                                        |           |             |
|            |        | Recovery                 |           |       |       | 833.26    |                                        |           |             |
|            |        | Recovery                 |           |       |       | 833.26    |                                        |           |             |
|            |        | Recovery                 |           |       |       | 833.26    | pH                                     | Cond.     | Temp        |
|            |        | Recovery                 |           |       |       | 833.26    |                                        |           |             |

NEWTON SANITARY LANDFILL  
PERMIT # 50-SDP-1-75P

3/12/2025

Sampled by: T. Whipple

Weather conditions: Sunny, calm, 40-62 degrees

IDNR Form 542-1324

|               |           |       |             |         |                       |            |       |                 |
|---------------|-----------|-------|-------------|---------|-----------------------|------------|-------|-----------------|
| SW-101R       | Date      | Time  | Type        | Flowing | Quantity              | Discolored | Odor  | Litter          |
|               | 3/12/2025 | 14:54 | tile outlet | yes     | 250 ml per 10 seconds | No         | No    | No              |
|               |           |       |             |         |                       |            |       | Turbidity (NTU) |
|               |           |       |             |         |                       |            |       | 2.13            |
| SW-102 (up)   | Date      | Time  | Type        | Flowing | Quantity              | Discolored | Odor  | Litter          |
|               | 3/12/2025 | 10:52 | stream      | yes     | 1.0 ft x 2"x 3 ft/sec | No         | No    | No              |
|               |           |       |             |         |                       | pH         | Cond. | Temp            |
|               |           |       |             |         |                       |            |       | Turbidity (NTU) |
| SW-103 (down) | Date      | Time  | Type        | Flowing | Quantity              | Discolored | Odor  | Litter          |
|               | 3/12/2025 | 13:43 | stream      | yes     | 3 ft x 1" x 5 ft/sec  | No         | No    | No              |
|               |           |       |             |         |                       | pH         | Cond. | Temp            |
|               |           |       |             |         |                       |            |       | Turbidity (NTU) |
| PECS-1        | Date      | Time  | Type        | Flowing | Quantity              | Discolored | Odor  | Litter          |
|               | 3/12/2025 | 15:02 | stream      | no      | ponded                | No         | No    | No              |
|               |           |       |             |         |                       | pH         | Cond. | Temp            |
|               |           |       |             |         |                       |            |       | Turbidity (NTU) |



NEWTON SANITARY LANDFILL  
PERMIT # 50-SDP-1-75P

CLOSED 1945 LANDFILL

9/3/2025

Sampled by: T. Whipple

Weather conditions: Overcast, drizzle, calm, 65-70 degrees

IDNR Form 542-1322

Monitoring Well: MW-44 (dg)

Primary Sampling Method:  
Secondary Sampling Method:

No-Purge for Appendix I  
Purge & Sample for all analytes beyond Appendix I

GENERAL INFORMATION

|                      |             |
|----------------------|-------------|
| TOC                  | 834.55      |
| Well Depth           | 20.87       |
| Capped               | YES         |
| Standing Water       | NO          |
| Litter               | NO          |
| Level Tape           | Solinst 101 |
| NTU Meter            | Hach 2100P  |
| No-Purge Equipment - | Solinst 429 |
| Purge Equipment -    | Waterra     |

NO PURGE METHOD

|                     |        |
|---------------------|--------|
| TOC                 | 834.55 |
| Well Depth          | 20.50  |
| Top Screen          | 823.68 |
| Bottom Screen       | 813.68 |
| Bottom Well         | 813.68 |
| Sampler Length (ft) | 4.00   |
| Sampler Volume (mL) | 440.00 |
| Feet cordage        | 15.00  |
| Top sample          | 819.55 |
| Bottom sample       | 815.55 |
| Turbidity(NTU)      | 6.18   |

| Date     | Time | Water Level | Water Elevation | Notes |
|----------|------|-------------|-----------------|-------|
| 9/3/2025 | 8:24 | 5.66        | 828.89          |       |

ANALYTES, CONTAINERS, AND VOLUMES

| Analyte          |                    | Required Volume (mL) | Volume Collected No-Purge (mL) | Volume Collected Purge & Sample (mL) | Turbidity this Container (NTU) |
|------------------|--------------------|----------------------|--------------------------------|--------------------------------------|--------------------------------|
| All              | Field NTU          | 10                   | 10                             |                                      | 6.18                           |
| Appendix I       | Metals             | 150                  | 150                            |                                      | 6.18                           |
| Appendix I       | VOC                | 240                  | 240                            |                                      | 6.18                           |
| Full Appendix II | 10 more containers | 5620                 |                                |                                      |                                |
| TSS              | TSS                | 1000                 |                                |                                      |                                |
| Old Landfill     | Paragraph "E"      | 750                  |                                |                                      |                                |
| Supplemental     |                    |                      |                                |                                      |                                |
| Total            |                    |                      | 400                            | 0                                    |                                |

PURGE & SAMPLE METHOD - Purge by Waterra Inertial Lift Pump, then well rest, then sample collection

|            |        |                         |          |      |       |           |                                        |           |             |
|------------|--------|-------------------------|----------|------|-------|-----------|----------------------------------------|-----------|-------------|
| TOC        | 834.55 | 2" dia.                 | Date     | Time | Depth | Elevation | Gallons                                | # of Vol. | Purged Dry? |
| Well Depth | 20.87  | Before purging          | 9/3/2025 | 8:24 | 5.66  | 828.89    |                                        | 0.0       |             |
|            |        | After purging           |          |      |       | 834.55    |                                        |           |             |
|            |        | Top of Screen 5/2/1990  |          |      |       | 823.68    |                                        |           |             |
|            |        |                         |          |      |       | 10.87     | feet above (+) or below (-) top screen |           |             |
|            |        | Bottom of Well 5/2/1990 |          |      |       | 813.68    |                                        |           |             |
|            |        | Bottom of Well          | 9/3/2025 |      | 20.50 | 814.05    |                                        |           |             |
|            |        |                         |          |      |       | 0.37      | feet sedimentation                     |           |             |
|            |        | Before Sampling         |          |      |       | 834.55    |                                        |           |             |
|            |        | Recovery                |          |      |       | 834.55    |                                        |           |             |
|            |        | Recovery                |          |      |       | 834.55    |                                        |           |             |
|            |        | Recovery                |          |      |       | 834.55    | pH                                     | Cond.     | Temp        |
|            |        | Recovery                |          |      |       | 834.55    |                                        |           |             |



IDNR Form 542-1322

Monitoring Well: MW-45R (dg)

Primary Sampling Method:  
Secondary Sampling Method:

No-Purge for Appendix I  
Purge & Sample for all analytes beyond Appendix I

GENERAL INFORMATION

|                      |             |
|----------------------|-------------|
| TOC                  | 875.51      |
| Well Depth           | 26.90       |
| Capped               | YES         |
| Standing Water       | NO          |
| Litter               | NO          |
| Level Tape           | Solinst 101 |
| NTU Meter            | Hach 2100P  |
| No-Purge Equipment - | Solinst 429 |
| Purge Equipment -    | Waterra     |

NO PURGE METHOD

|                     |        |
|---------------------|--------|
| TOC                 | 875.51 |
| Well Depth          | 26.90  |
| Top Screen          | 858.61 |
| Bottom Screen       | 848.61 |
| Bottom Well         | 848.61 |
| Sampler Length (ft) | 4.00   |
| Sampler Volume (mL) | 440.00 |
| Feet cordage        |        |
| Top sample          | 875.51 |
| Bottom sample       | 871.51 |
| Turbidity(NTU)      |        |

| Date     | Time | Water Level | Water Elevation | Notes |
|----------|------|-------------|-----------------|-------|
| 9/3/2025 |      | 27.00       | 848.51          | DRY   |

ANALYTES, CONTAINERS, AND VOLUMES

| Analyte          |                    | Required Volume (mL) | Volume Collected No-Purge (mL) | Volume Collected Purge & Sample (mL) | Turbidity this Container (NTU) |
|------------------|--------------------|----------------------|--------------------------------|--------------------------------------|--------------------------------|
| All              | Field NTU          | 10                   |                                |                                      | 0.00                           |
| Appendix I       | Metals             | 250                  |                                |                                      | 0.00                           |
| Appendix I       | VOC                | 120                  |                                |                                      | 0.00                           |
| Full Appendix II | 10 more containers | 5620                 |                                |                                      |                                |
| TSS              | TSS                | 1000                 |                                |                                      |                                |
| Old Landfill     | Paragraph "E"      | 750                  |                                |                                      |                                |
| Supplemental     |                    |                      |                                |                                      |                                |
| Total            |                    |                      | 0                              | 0                                    |                                |

Dry

PURGE & SAMPLE METHOD - Purge by Waterra Inertial Lift Pump, then well rest, then sample collection

|            |        |                          |          |      |       |           |                                        |           |             |
|------------|--------|--------------------------|----------|------|-------|-----------|----------------------------------------|-----------|-------------|
| TOC        | 875.51 | 2" dia.                  | Date     | Time | Depth | Elevation | Gallons                                | # of Vol. | Purged Dry? |
| Well Depth | 26.90  | Before purging           | 9/3/2025 |      | 27.00 | 848.51    |                                        | 0.0       | yes         |
|            |        | After purging            |          |      |       | 875.51    |                                        |           |             |
|            |        | Top of Screen 5/24/2021  |          |      |       | 858.61    |                                        |           |             |
|            |        |                          |          |      |       | 16.90     | feet above (+) or below (-) top screen |           |             |
|            |        | Bottom of Well 5/24/2021 |          |      |       | 848.61    |                                        |           |             |
|            |        | Bottom of Well           | 9/3/2025 |      | 27.00 | 848.51    |                                        |           |             |
|            |        |                          |          |      |       | -0.10     | feet sedimentation                     |           |             |
|            |        | Before Sampling          |          |      |       | 875.51    |                                        |           |             |
|            |        | Before Sampling          |          |      |       | 875.51    |                                        |           |             |
|            |        | Recovery                 |          |      |       | 875.51    |                                        |           |             |
|            |        | Recovery                 |          |      |       | 875.51    | pH                                     | Cond.     | Temp        |
|            |        | Recovery                 |          |      |       | 875.51    |                                        |           |             |



IDNR Form 542-1322

Monitoring Well: MW-56 (dg)

Primary Sampling Method:  
Secondary Sampling Method:

No-Purge for Appendix I  
Purge & Sample for all analytes beyond Appendix I

GENERAL INFORMATION

|                      |             |
|----------------------|-------------|
| TOC                  | 839.21      |
| Well Depth           | 19.61       |
| Capped               | YES         |
| Standing Water       | NO          |
| Litter               | NO          |
| Level Tape           | Solinst 101 |
| NTU Meter            | Hach 2100P  |
| No-Purge Equipment - | Solinst 429 |
| Purge Equipment -    | Waterra     |

NO PURGE METHOD

|                     |        |
|---------------------|--------|
| TOC                 | 839.21 |
| Well Depth          | 19.20  |
| Top Screen          | 829.60 |
| Bottom Screen       | 819.60 |
| Bottom Well         | 819.60 |
| Sampler Length (ft) | 4.00   |
| Sampler Volume (mL) | 440.00 |
| Feet cordage        | 14.00  |
| Top sample          | 825.21 |
| Bottom sample       | 821.21 |
| Turbidity(NTU)      | 1.79   |

| Date     | Time | Water Level | Water Elevation | Notes |
|----------|------|-------------|-----------------|-------|
| 9/3/2025 | 9:04 | 10.14       | 829.07          |       |

ANALYTES, CONTAINERS, AND VOLUMES

| Analyte          |                    | Required Volume (mL) | Volume Collected No-Purge (mL) | Volume Collected Purge & Sample (mL) | Turbidity this Container (NTU) |
|------------------|--------------------|----------------------|--------------------------------|--------------------------------------|--------------------------------|
| All              | Field NTU          | 10                   | 10                             |                                      | 1.79                           |
| Appendix I       | Metals             | 150                  | 150                            |                                      | 1.79                           |
| Appendix I       | VOC                | 240                  | 240                            |                                      | 1.79                           |
| Full Appendix II | 10 more containers | 5620                 |                                |                                      |                                |
| TSS              | TSS                | 1000                 |                                |                                      |                                |
| Old Landfill     | Paragraph "E"      | 750                  |                                |                                      |                                |
| Supplemental     |                    |                      |                                |                                      |                                |
| Total            |                    |                      | 400                            | 0                                    |                                |

PURGE & SAMPLE METHOD - Purge by Waterra Inertial Lift Pump, then well rest, then sample collection

|            |        |                          |          |      |       |           |                                        |           |             |
|------------|--------|--------------------------|----------|------|-------|-----------|----------------------------------------|-----------|-------------|
| TOC        | 839.21 | 2" dia.                  | Date     | Time | Depth | Elevation | Gallons                                | # of Vol. | Purged Dry? |
| Well Depth | 19.61  | Before purging           | 9/3/2025 | 9:04 | 10.14 | 829.07    |                                        | 0.0       | no          |
|            |        | After purging            |          |      |       | 839.21    |                                        |           |             |
|            |        | Top of Screen 2/11/1992  |          |      |       | 829.60    |                                        |           |             |
|            |        |                          |          |      |       | 9.61      | feet above (+) or below (-) top screen |           |             |
|            |        | Bottom of Well 2/11/1992 |          |      |       | 819.60    |                                        |           |             |
|            |        | Bottom of Well           | 9/3/2025 |      | 19.25 | 819.96    |                                        |           |             |
|            |        |                          |          |      |       | 0.36      | feet sedimentation                     |           |             |
|            |        | Before Sampling          |          |      |       | 839.21    |                                        |           |             |
|            |        | Recovery                 |          |      |       | 839.21    |                                        |           |             |
|            |        | Recovery                 |          |      |       | 839.21    |                                        |           |             |
|            |        | Recovery                 |          |      |       | 839.21    | pH                                     | Cond.     | Temp        |
|            |        | Recovery                 |          |      |       | 839.21    |                                        |           |             |

IDNR Form 542-1322

Monitoring Well: MW-57 (dg)

Primary Sampling Method:  
Secondary Sampling Method:

No-Purge for Appendix I  
Purge & Sample for all analytes beyond Appendix I

GENERAL INFORMATION

|                      |             |
|----------------------|-------------|
| TOC                  | 844.1       |
| Well Depth           | 17.70       |
| Capped               | YES         |
| Standing Water       | NO          |
| Litter               | NO          |
| Level Tape           | Solinst 101 |
| NTU Meter            | Hach 2100P  |
| No-Purge Equipment - | Solinst 429 |
| Purge Equipment -    | Waterra     |

NO PURGE METHOD

|                     |        |
|---------------------|--------|
| TOC                 | 844.1  |
| Well Depth          | 17.50  |
| Top Screen          | 836.40 |
| Bottom Screen       | 826.40 |
| Bottom Well         | 826.40 |
| Sampler Length (ft) | 4.00   |
| Sampler Volume (mL) | 440.00 |
| Feet cordage        | 12.00  |
| Top sample          | 832.10 |
| Bottom sample       | 828.10 |
| Turbidity(NTU)      | 1.71   |

| Date     | Time | Water Level | Water Elevation | Notes |
|----------|------|-------------|-----------------|-------|
| 9/3/2025 | 9:35 | 6.65        | 837.45          |       |

ANALYTES, CONTAINERS, AND VOLUMES

| Analyte          |                    | Required Volume (mL) | Volume Collected No-Purge (mL) | Volume Collected Purge & Sample (mL) | Turbidity this Container (NTU) |
|------------------|--------------------|----------------------|--------------------------------|--------------------------------------|--------------------------------|
| All              | Field NTU          | 10                   | 10                             |                                      | 1.71                           |
| Appendix I       | Metals             | 150                  | 150                            |                                      | 1.71                           |
| Appendix I       | VOC                | 240                  | 240                            |                                      | 1.71                           |
| Full Appendix II | 10 more containers | 5620                 |                                | 0                                    |                                |
| TSS              | TSS                | 1000                 |                                |                                      |                                |
| Old Landfill     | Paragraph "E"      | 750                  |                                |                                      |                                |
| Supplemental     |                    |                      |                                |                                      |                                |
| Total            |                    |                      | 400                            | 0                                    |                                |

PURGE & SAMPLE METHOD - Purge by Waterra Inertial Lift Pump, then well rest, then sample collection

|                |                   |                          |          |      |       |           |                                        |           |             |
|----------------|-------------------|--------------------------|----------|------|-------|-----------|----------------------------------------|-----------|-------------|
| TOC            | 844.1             | 2" dia.                  | Date     | Time | Depth | Elevation | Gallons                                | # of Vol. | Purged Dry? |
| Well Depth     | 17.70             | Before purging           | 9/3/2025 | 9:35 | 6.65  | 837.45    |                                        | 0.0       |             |
| Capped         | YES               | After purging            |          |      |       | 844.10    |                                        |           |             |
| Standing Water | NO                | Top of Screen 2/11/1992  |          |      |       | 836.40    |                                        |           |             |
| Litter         | NO                |                          |          |      |       | 7.70      | feet above (+) or below (-) top screen |           |             |
| Level Tape     | Solinst           | Bottom of Well 2/11/1992 |          |      |       | 826.40    |                                        |           |             |
| Equipment      | Disposable Bailer | Bottom of Well           | 9/3/2025 |      | 17.50 | 826.60    |                                        |           |             |
|                |                   |                          |          |      |       | 0.20      | feet sedimentation                     |           |             |
|                |                   | Before Sampling          |          |      |       | 844.10    |                                        |           |             |
|                |                   | Recovery                 |          |      |       | 844.10    |                                        |           |             |
|                |                   | Recovery                 |          |      |       | 844.10    |                                        |           |             |
|                |                   | Recovery                 |          |      |       | 844.10    | pH                                     | Cond.     | Temp        |
|                |                   | Recovery                 |          |      |       | 844.10    |                                        |           |             |

IDNR Form 542-1322

Monitoring Well: MW-64 (dg)

Primary Sampling Method: No-Purge for Appendix I  
Secondary Sampling Method: Purge & Sample for all analytes beyond Appendix I

GENERAL INFORMATION

|                      |             |
|----------------------|-------------|
| TOC                  | 839.6       |
| Well Depth           | 27.70       |
| Capped               | YES         |
| Standing Water       | NO          |
| Litter               | NO          |
| Level Tape           | Solinst 101 |
| NTU Meter            | Hach 2100P  |
| No-Purge Equipment - | Solinst 429 |
| Purge Equipment -    | Waterra     |

NO PURGE METHOD

|                     |        |
|---------------------|--------|
| TOC                 | 839.6  |
| Well Depth          | 27.00  |
| Top Screen          | 826.90 |
| Bottom Screen       | 811.90 |
| Bottom Well         | 811.90 |
| Sampler Length (ft) | 4.00   |
| Sampler Volume (mL) | 440.00 |
| Feet cordage        | 22.00  |
| Top sample          | 817.60 |
| Bottom sample       | 813.60 |
| Turbidity(NTU)      | 9.55   |

| Date     | Time | Water Level | Water Elevation | Notes |
|----------|------|-------------|-----------------|-------|
| 9/3/2025 | 9:18 | 8.98        | 830.62          |       |

ANALYTES, CONTAINERS, AND VOLUMES

| Analyte          |                    | Required Volume (mL) | Volume Collected No-Purge (mL) | Volume Collected Purge & Sample (mL) | Turbidity this Container (NTU) |
|------------------|--------------------|----------------------|--------------------------------|--------------------------------------|--------------------------------|
| All              | Field NTU          | 10                   | 10                             |                                      | 9.55                           |
| Appendix I       | Metals             | 150                  | 150                            |                                      | 9.55                           |
| Appendix I       | VOC                | 240                  | 240                            |                                      | 9.55                           |
| Full Appendix II | 10 more containers | 5620                 |                                | 0                                    |                                |
| TSS              | TSS                | 1000                 |                                | 0                                    |                                |
| Old Landfill     | Paragraph "E"      | 750                  |                                | 0                                    |                                |
| Supplemental     |                    |                      |                                |                                      |                                |
| Total            |                    |                      | 400                            | 0                                    |                                |

PURGE & SAMPLE METHOD - Purge by Waterra Inertial Lift Pump, then well rest, then sample collection

|            |       |                          |          |      |       |           |                                        |           |             |
|------------|-------|--------------------------|----------|------|-------|-----------|----------------------------------------|-----------|-------------|
| TOC        | 839.6 | 2" dia.                  | Date     | Time | Depth | Elevation | Gallons                                | # of Vol. | Purged Dry? |
| Well Depth | 27.70 | Before purging           | 9/3/2025 | 9:18 | 8.98  | 830.62    |                                        | 0.0       |             |
|            |       | After purging            |          |      |       | 839.60    |                                        |           |             |
|            |       | Top of Screen 1/12/1998  |          |      |       | 826.90    |                                        |           |             |
|            |       |                          |          |      |       | 12.70     | feet above (+) or below (-) top screen |           |             |
|            |       | Bottom of Well 1/12/1998 |          |      |       | 811.90    |                                        |           |             |
|            |       | Bottom of Well           | 9/3/2025 |      | 27.00 | 812.60    |                                        |           |             |
|            |       |                          |          |      |       | 0.70      | feet sedimentation                     |           |             |
|            |       | Before Sampling          |          |      |       | 839.60    |                                        |           |             |
|            |       | Recovery                 |          |      |       | 839.60    |                                        |           |             |
|            |       | Recovery                 |          |      |       | 839.60    |                                        |           |             |
|            |       | Recovery                 |          |      |       | 839.60    | pH                                     | Cond.     | Temp        |
|            |       | Recovery                 |          |      |       | 839.60    |                                        |           |             |

IDNR Form 542-1322

Monitoring Well: MW-65 (dg)

Primary Sampling Method:  
Secondary Sampling Method:

No-Purge for Appendix I  
Purge & Sample for all analytes beyond Appendix I

GENERAL INFORMATION

|                      |             |
|----------------------|-------------|
| TOC                  | 833.26      |
| Well Depth           | 27.33       |
| Capped               | YES         |
| Standing Water       | NO          |
| Litter               | NO          |
| Level Tape           | Solinst 101 |
| NTU Meter            | Hach 2100P  |
| No-Purge Equipment - | Solinst 429 |
| Purge Equipment -    | Waterra     |

NO PURGE METHOD

|                     |        |
|---------------------|--------|
| TOC                 | 833.26 |
| Well Depth          | 26.90  |
| Top Screen          | 816.18 |
| Bottom Screen       | 806.18 |
| Bottom Well         | 805.93 |
| Sampler Length (ft) | 4.00   |
| Sampler Volume (mL) | 440.00 |
| Feet cordage        | 21.00  |
| Top sample          | 812.26 |
| Bottom sample       | 808.26 |
| Turbidity(NTU)      | 19.52  |

| Date     | Time | Water Level | Water Elevation | Notes |
|----------|------|-------------|-----------------|-------|
| 9/3/2025 | 8:45 | 10.15       | 823.11          |       |

ANALYTES, CONTAINERS, AND VOLUMES

| Analyte          |                    | Required Volume (mL) | Volume Collected No-Purge (mL) | Volume Collected Purge & Sample (mL) | Turbidity this Container (NTU) |
|------------------|--------------------|----------------------|--------------------------------|--------------------------------------|--------------------------------|
| All              | Field NTU          | 10                   | 10                             |                                      | 19.52                          |
| Appendix I       | Metals             | 150                  | 150                            |                                      | 19.52                          |
| Appendix I       | VOC                | 240                  | 240                            |                                      | 19.52                          |
| Full Appendix II | 10 more containers | 5620                 |                                |                                      |                                |
| TSS              | TSS                | 1000                 |                                |                                      |                                |
| Old Landfill     | Paragraph "E"      | 750                  |                                |                                      |                                |
| Supplemental     |                    |                      |                                |                                      |                                |
| Total            |                    |                      | 400                            | 0                                    |                                |

PURGE & SAMPLE METHOD - Purge by Waterra Inertial Lift Pump, then well rest, then sample collection

|            |        |                          |          |      |       |           |                                        |           |             |
|------------|--------|--------------------------|----------|------|-------|-----------|----------------------------------------|-----------|-------------|
| TOC        | 833.26 | 2" dia.                  | Date     | Time | Depth | Elevation | Gallons                                | # of Vol. | Purged Dry? |
| Well Depth | 27.33  | Before purging           | 9/3/2025 | 8:45 | 10.15 | 823.11    |                                        | 0.0       |             |
|            |        | After purging            |          |      |       | 833.26    |                                        |           |             |
|            |        | Top of Screen 1/12/1998  |          |      |       | 816.18    |                                        |           |             |
|            |        |                          |          |      |       | 17.08     | feet above (+) or below (-) top screen |           |             |
|            |        | Bottom of Well 1/12/1998 |          |      |       | 805.93    |                                        |           |             |
|            |        | Bottom of Well           | 9/3/2025 |      | 26.60 | 806.66    |                                        |           |             |
|            |        |                          |          |      |       | 0.73      | feet sedimentation                     |           |             |
|            |        | Before Sampling          |          |      |       | 833.26    |                                        |           |             |
|            |        | Recovery                 |          |      |       | 833.26    |                                        |           |             |
|            |        | Recovery                 |          |      |       | 833.26    |                                        |           |             |
|            |        | Recovery                 |          |      |       | 833.26    | pH                                     | Cond.     | Temp        |
|            |        | Recovery                 |          |      |       | 833.26    |                                        |           |             |

NEWTON SANITARY LANDFILL  
PERMIT # 50-SDP-1-75P

9/3/2025

Sampled by: T. Whipple

Weather conditions: Overcast, drizzle, calm, 65-70 degrees

IDNR Form 542-1324

|               |          |       |             |         |                       |            |       |                 |
|---------------|----------|-------|-------------|---------|-----------------------|------------|-------|-----------------|
| SW-101R       | Date     | Time  | Type        | Flowing | Quantity              | Discolored | Odor  | Litter          |
|               | 9/3/2025 | 10:10 | tile outlet | yes     | 250 ml per 14 seconds | No         | No    | No              |
|               |          |       |             |         |                       |            |       | Turbidity (NTU) |
|               |          |       |             |         |                       |            |       | 37.82           |
| SW-102 (up)   | Date     | Time  | Type        | Flowing | Quantity              | Discolored | Odor  | Litter          |
|               | 9/3/2025 | 10:32 | stream      | yes     | 2 ft x 6" x 1 ft/sec  | No         | No    | No              |
|               |          |       |             |         |                       | pH         | Cond. | Temp            |
|               |          |       |             |         |                       |            |       | Turbidity (NTU) |
| SW-103 (down) | Date     | Time  | Type        | Flowing | Quantity              | Discolored | Odor  | Litter          |
|               | 9/3/2025 | 8:40  | stream      | yes     | 2 ft x 6" x 1 ft/sec  | No         | No    | No              |
|               |          |       |             |         |                       | pH         | Cond. | Temp            |
|               |          |       |             |         |                       |            |       | Turbidity (NTU) |
| PECS-1        | Date     | Time  | Type        | Flowing | Quantity              | Discolored | Odor  | Litter          |
|               | 9/3/2025 | 10:22 | stream      | yes     | 40 ml per 5 seconds   | No         | No    | No              |
|               |          |       |             |         |                       | pH         | Cond. | Temp            |
|               |          |       |             |         |                       |            |       | Turbidity (NTU) |

**ATTACHMENT C**

**April, 2025 and September, 2025 Statistical Reports**

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**GROUND WATER STATISTICS**  
**FOR THE**  
**NEWTON SANITARY LANDFILL**

**First Semi-Annual Monitoring Event in 2025**

Prepared for:  
**City of Newton Sanitary Landfill**  
3202 Ia-14  
Newton, Jasper County, IA

Prepared by:  
Jeffrey A. Holmgren  
**Otter Creek Environmental Services, LLC**  
Elgin, IL  
(847) 464-1355

**April 2025**

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## INTRODUCTION

This report summarizes the results of the statistical analysis used to evaluate the ground water quality data obtained during the first semi-annual monitoring event in 2025 at the Newton Sanitary Landfill in Newton, Jasper County, Iowa. The statistical plan was designed to detect a release from the facility at the earliest indication so that it is protective of human health and the environment. The interwell method is described and applied to the Newton Landfill data. The statistical plan conforms with IAC 567, Chapter 113.10, USEPA guidance document (*“Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Unified Guidance”*, March 2009), and the American Society for Testing and Materials (ASTM) standard D6312-98, *Developing Appropriate Statistical Approaches for Ground-Water Detection Monitoring Programs*.

## Ground Water Monitoring Program

The groundwater monitoring network for Newton Sanitary Landfill includes GWD-1, MW-36, MW-39, MW-41, MW-42, MW-48, MW-58, MW-59, MW-60, MW-61, MW-62R, MW-78, MW-79, and MW-80. Each of the groundwater monitoring wells is to be sampled at least semiannually and analyzed for the detection monitoring parameters listed in 113.10(5), which includes 15 inorganic constituents and 47 organic compounds, summarized in Table 1 below.

**Table 1:** Detection monitoring constituents listed in Appendix I of IAC 567, Chapter 113.

### Organic Compounds:

|                             |                                     |                           |
|-----------------------------|-------------------------------------|---------------------------|
| Acetone                     | <i>trans</i> -1,4-Dichloro-2-butene | Iodomethane               |
| Acrylonitrile               | 1,1-Dichloroethane                  | 4-Methyl-2-pentanone      |
| Benzene                     | 1,2-Dichloroethane                  | Styrene                   |
| Bromochloromethane          | 1,1-Dichloroethene                  | 1,1,1,2-Tetrachloroethane |
| Bromodichloromethane        | <i>cis</i> -1,2-Dichloroethene      | 1,1,2,2-Tetrachloroethane |
| Bromoform                   | <i>trans</i> -1,2-Dichloroethene    | Tetrachloroethene         |
| Carbon disulfide            | 1,2-Dichloropropane                 | Toluene                   |
| Carbon tetrachloride        | <i>cis</i> -1,3-Dichloropropene     | 1,1,1-Trichloroethane     |
| Chlorobenzene               | <i>trans</i> -1,3-Dichloropropene   | 1,1,2-Trichloroethane     |
| Chloroethane                | Ethylbenzene                        | Trichloroethene           |
| Chloroform                  | 2-Hexanone                          | Trichlorofluoromethane    |
| Dibromochloromethane        | Bromomethane                        | 1,2,3-Trichloropropane    |
| 1,2-Dibromo-3-chloropropane | Chloromethane                       | Vinyl acetate             |
| 1,2-Dibromoethane           | Dibromomethane                      | Vinyl chloride            |
| 1,2-Dichlorobenzene         | Methylene chloride                  | Xylenes (Total)           |
| 1,4-Dichlorobenzene         | 2-Butanone                          |                           |

### Inorganic constituents:

|                  |                 |                 |
|------------------|-----------------|-----------------|
| Antimony, Total  | Chromium, Total | Selenium, Total |
| Arsenic, Total   | Cobalt, Total   | Silver, Total   |
| Barium, Total    | Copper, Total   | Thallium, Total |
| Beryllium, Total | Lead, Total     | Vanadium, Total |
| Cadmium, Total   | Nickel, Total   | Zinc, Total     |

The ground water data obtained during the first semi-annual monitoring event in 2025 are summarized in Attachment A.

## STATISTICAL METHODOLOGIES FOR DETECTION MONITORING

IAC 567, Chapter 113.10(4) provides several options for statistically evaluating the ground water data at those wells that monitor the open cells or contiguous MSWLF units. The preferred methods for comparing ground water data are using either prediction limits or using control charts. The interwell method was applied to the Newton Landfill data using the DUMPStat<sup>®</sup> statistical program. Ground water statistics are to be done on the inorganic constituents listed. The organic constituents are compared to maximum contaminant levels (MCLs) or practical quantitation limits (PQLs), in lieu of statistical comparisons to historical concentrations.

### Interwell Statistics: Upgradient versus Downgradient Comparisons

Interwell statistics are appropriate when the upgradient and downgradient wells monitor the same ground water formation and there is similar variability in the upgradient and downgradient zones. Site prediction limits are determined by pooling the historical ground water data from hydraulically upgradient wells. This statistical method compares the current downgradient determinations to site prediction limits and checks for exceedances. The type of prediction limit utilized (e.g., parametric or nonparametric) is based on the detection frequency and the data distribution of each parameter in the background data. The distribution of the background data is tested for normality using the Shapiro-Wilk test (Gibbons, 1994 and USEPA 1992). If the constituent is normally distributed, a normal prediction limit is used. If normality is rejected by the Shapiro-Wilk test, the background data is transformed by taking the natural logarithm. The Shapiro-Wilk test is then reapplied on the transformed data. If it is not rejected, lognormal prediction limits are used. If after transforming the data, normality is still rejected, nonparametric prediction limits are used for that analyte. The nonparametric prediction limit is the largest determination in the background measurements. For constituents where the background detection frequency is greater than 0% but less than 50%, nonparametric prediction limits will be used. If the detection frequency is 0% after thirteen samples have been collected, the practical quantitation limit (PQL) becomes the nonparametric prediction limit.

### Results of the Interwell Statistics

The prior background data used in the statistical analysis included the ground water data collected from ground water wells MW-62R and MW-78. Since there were verified detections of trichlorofluoromethane at MW-62R, it was recommended that MW-62R not be used as a background well. In its' place, MW-48 and MW-39 were added as background points. Additionally, SW-101 was approved as a background point. The background data used in this statistical analysis includes the ground water data collected from ground water wells MW-39, MW-48, MW-78, and SW-101 during the period from September 2014 through the current data. A summary of the background data from monitoring wells MW-39, MW-48, MW-78, and SW-101 used to determine the site prediction limits are listed in Attachment B, Table 1 "Upgradient Data". This statistical method compares the current downgradient determinations to site prediction limits and checks for exceedances.

Table 2 "Most Current Downgradient Monitoring Data", summarizes the current data from downgradient wells MW-36, MW-41, MW-42, MW-58, MW-59, MW-60, MW-61, MW-62R, MW-79, MW-80, and SW-101R compared to the site prediction limits. Prediction limit exceedances are flagged with asterisks. For the most current data, the current site prediction limit exceedances are summarized in the table below.

**Trace Metal Prediction Limit Exceedances during the First Semi-Annual Monitoring Event in 2025**

| Well    | Trace Metal Detected | Result, µg/L | Prediction Limit, µg/L | Prediction Limit Type | Verified/<br>Awaiting verification | Ground Water Standard, µg/L |
|---------|----------------------|--------------|------------------------|-----------------------|------------------------------------|-----------------------------|
| MW-58   | Nickel               | 14.2         | 8.7000                 | Nonparametric         | Verified                           | 100 <sup>a</sup>            |
| MW-59   | Copper               | 6.7          | 4.0000                 | Nonparametric         | Awaiting verification              | 1300 <sup>b</sup>           |
| MW-60   | Copper               | 4.5          | 4.0000                 | Nonparametric         | Awaiting verification              | 1300 <sup>b</sup>           |
| MW-62R  | Barium               | 946          | 357.0000               | Nonparametric         | Verified                           | 2000 <sup>a</sup>           |
| SW-101R | Copper               | 5.7          | 4.0000                 | Nonparametric         | Awaiting verification              | 1300 <sup>b</sup>           |

a – USEPA MCL

b – Iowa Statewide Standard

The detection frequencies of the parameters in the up and down gradient monitoring wells are summarized in Table 3. With the exception of barium, these constituents are rarely detected in the upgradient wells. With the detection frequencies being less than 50% for all but barium, nonparametric site prediction limits are used for those trace metals.

Table 4 summarizes the results of the Shapiro-Wilk test. The background barium data are normally distributed so barium uses a normal site prediction limit. Table 5 is a summary of the statistics and prediction limits determined for the metals. Time series graphs of each of the parameters at each well with the corresponding prediction limits are attached.

A statistical power curve indicates the expected false assessments for the site as a whole. The false positive rate for interwell analyses is the percentage of failures when the upgradient versus downgradient true mean difference equals zero. False negative rate indicates the chance of missing contamination at a single well for a single constituent. The statistical power is a function of the number of wells included, the number of constituents compared, the detection frequencies, and the data distributions involved. For interwell analysis, the site-wide false positive rate is 1% and the test becomes sensitive to 3 standard deviation unit increases over background.

The past and present verified trace metal exceedances were evaluated against the ground water protection standards (GWPS) using confidence limits calculated in accordance with the Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, USEPA, March 2009. The analysis was conducted to evaluate whether verified concentrations are significantly above the water quality standard. The 95% lower confidence limit (LCL) for the mean of the historical data was used to evaluate whether the regulated unit is in compliance with the ground-water protection standards under 40 CFR 264 (e.g. whether the verified constituent is detected at a significant level above the GWPS). An exceedance is verified if the LCL is above the Regulatory GWPS.

The 95% LCLs calculated for the metals which exceeded site prediction limits are below the respective GWPS (Attachment C).

### **Results of the Interwell Statistics – Old Landfill**

The current ground water data from monitoring wells MW-44, MW-56, MW-57, MW-64, and MW-65 was compared to site prediction limits established from monitoring wells MW-39, MW-48, MW-78, and SW-

101. A summary of the background data from monitoring wells MW-39, MW-48, MW-78, and SW-101 used to determine the site prediction limits are listed in Attachment D, Table 1 “Upgradient Data”. This statistical method compares the current downgradient determinations to site prediction limits and checks for exceedances.

Table 2 “Most Current Downgradient Monitoring Data”, summarizes the current data from downgradient wells MW-44, MW-56, MW-57, MW-64, and MW-65 compared to the site prediction limits. Prediction limit exceedances are flagged with asterisks. For the most current data, the current site prediction limit exceedances are summarized in the table below.

**Trace Metal Prediction Limit Exceedances during the First Semi-Annual Monitoring Event in 2025**

| Well  | Trace Metal Detected | Result, µg/L | Prediction Limit, µg/L | Prediction Limit Type | Verified/<br>Awaiting verification | Ground Water Standard, µg/L |
|-------|----------------------|--------------|------------------------|-----------------------|------------------------------------|-----------------------------|
| MW-44 | Arsenic              | 8.9          | 7.3000                 | Nonparametric         | Verified                           | 10 <sup>a</sup>             |
|       | Cobalt               | 10.3         | 6.9000                 | Nonparametric         | Verified                           | 2.1 <sup>b</sup>            |
|       | Nickel               | 8.8          | 8.7000                 | Nonparametric         | Verified                           | 100 <sup>a</sup>            |
| MW-64 | Arsenic              | 25.7         | 7.3000                 | Nonparametric         | Verified                           | 10 <sup>a</sup>             |
|       | Cobalt               | 11.1         | 6.9000                 | Nonparametric         | Verified                           | 2.1 <sup>b</sup>            |
|       | Nickel               | 30.7         | 8.7000                 | Nonparametric         | Verified                           | 100 <sup>a</sup>            |
| MW-65 | Nickel               | 12.0         | 8.7000                 | Nonparametric         | Verified                           | 100 <sup>a</sup>            |

a – USEPA MCL

b – Iowa Statewide Standard

The detection frequencies of the parameters in the up and down gradient monitoring wells are summarized in Table 3. With the exception of barium, these constituents are rarely detected in the upgradient wells. With the detection frequencies being less than 50% for all but barium, nonparametric site prediction limits are used for those trace metals.

Table 4 summarizes the results of the Shapiro-Wilk test. The background barium data are normally distributed so barium uses a normal site prediction limit. Table 5 is a summary of the statistics and prediction limits determined for the metals. Time series graphs of each of the parameters at each well with the corresponding prediction limits are attached.

A statistical power curve indicates the expected false assessments for the site as a whole. The false positive rate for interwell analyses is the percentage of failures when the upgradient versus downgradient true mean difference equals zero. False negative rate indicates the chance of missing contamination at a single well for a single constituent. The statistical power is a function of the number of wells included, the number of constituents compared, the detection frequencies, and the data distributions involved. For interwell analysis, the site-wide false positive rate is 1% and the test becomes sensitive to 3 standard deviation unit increases over background.

The past and present verified trace metal exceedances were evaluated against the ground water protection standards (GWPS) using confidence limits.

The 95% LCL for cobalt at MW-44 (9.765 µg/L) exceeds the GWPS of 2.1 µg/L.

The 95% LCL for arsenic at MW-64 (23.154 µg/L) exceeds the GWPS of 10 µg/L.

The 95% LCL for cobalt at MW-64 (10.305 µg/L) exceeds the GWPS of 2.1 µg/L.

The 95% LCL for cobalt at MW-65 (2.186 µg/L) exceeds the GWPS of 2.1 µg/L, though the current concentration (3.6 µg/L) does not exceed the site prediction limit of 6.9 µg/L.

The 95% LCLs calculated for the remainder of the metals which exceeded site prediction limits are below the respective GWPS.

### Volatile Organic Compounds

Volatile Organic Compounds (VOCs) are generally man-made compounds not present in ambient ground water. If VOCs are detected above their statistical limit (i.e., the laboratory PQL or reporting limit), a verification resample will be conducted at the next scheduled sampling event. A statistical exceedance will be indicated if the VOC detection is confirmed by the subsequent monitoring. VOCs detected in the ground water at Newton Landfill during the first semi-annual monitoring event in 2025 are summarized below. Historical VOC detections are summarized in Attachment E.

#### VOCs detected during the First Semi-Annual Monitoring Event in 2025

| Well    | VOC Detected           | Result, µg/L | Reporting Limit, µg/L | Verified/<br>Awaiting Verification | Ground Water<br>Standard |
|---------|------------------------|--------------|-----------------------|------------------------------------|--------------------------|
| MW-41   | 1,1-Dichloroethane     | 19.5         | 1                     | Verified                           | 140 <sup>b</sup>         |
|         | cis-1,2-Dichloroethene | 3.3          | 1                     | Verified                           | 70 <sup>a</sup>          |
| SW-101R | cis-1,2-Dichloroethene | 2.2          | 1                     | Verified                           | 70 <sup>a</sup>          |
|         | Vinyl chloride         | 1.2          | 1                     | Verified                           | 2 <sup>a</sup>           |

a - USEPA MCL, b – Iowa Statewide Standard

#### VOCs detected during the First Semi-Annual Monitoring Event in 2025 – Old Landfill

| Well  | VOC Detected           | Result, µg/L | Reporting Limit, µg/L | Verified/<br>Awaiting Verification | Ground Water<br>Standard |
|-------|------------------------|--------------|-----------------------|------------------------------------|--------------------------|
| MW-64 | 1,1-Dichloroethane     | 1.6          | 1                     | Verified                           | 140 <sup>b</sup>         |
|       | cis-1,2-Dichloroethene | 2.0          | 1                     | Verified                           | 70 <sup>a</sup>          |

a - USEPA MCL, b – Iowa Statewide Standard

The verified VOC detections were evaluated against the ground water protection standards (GWPS) using confidence limits calculated in accordance with the Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, USEPA, March 2009. The analysis was conducted to evaluate whether verified concentrations are significantly above the water quality standard. The 95% lower confidence limit (LCL) for the mean of the historical data was used to evaluate whether the regulated unit is in compliance with the

ground-water protection standards under 40 CFR 264 (e.g. whether the verified constituent is detected at a significant level above the GWPS). An exceedance is verified if the LCL is above the Regulatory GWPS.

The 95% LCLs calculated for the verified VOCs are below the respective GWPS

## CONCLUSIONS

This report summarizes the statistical analyses used to evaluate the ground water data obtained during the first semi-annual monitoring event in 2025 at Newton Sanitary Landfill. The ground water data was compared to background using prediction limits. There are verified site prediction limit exceedances for nickel at MW-58; barium at MW-62R; arsenic, cobalt, and nickel at MW-44; arsenic, cobalt, and nickel at MW-64; and nickel at MW-65.

The VOC data obtained during the first semi-annual monitoring event in 2025 were compared to MCLs or PQLs. There were verified detections of 1,1-dichloroethane and *cis*-1,2-dichloroethene at MW-41; *cis*-1,2-dichloroethene and vinyl chloride at SW-101R; and 1,1-dichloroethane and *cis*-1,2-dichloroethene at MW-64.

**Attachment A**

Summary of the Data obtained during the First Semi-Annual Monitoring Event in 2025



Table 1

## Analytical Data Summary for 3/12/2025

| Constituents                     | Units | MW-36 | MW-39 | MW-41 | MW-42 | MW-44 | MW-48 | MW-56 | MW-57 | MW-58 | MW-59 | MW-60 |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (3,4)-methylphenol               | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 1,1,1,2-tetrachloroethane        | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,1,1-trichloroethane            | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,1,2,2-tetrachloroethane        | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,1,2-trichloroethane            | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,1-dichloroethane               | ug/L  | <1.0  | <1.0  | 19.5  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  |
| 1,1-dichloroethylene             | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,1-dichloropropene              | ug/L  |       |       | <1    |       | <1    |       |       | <1    | <1    | <1    | <1    |
| 1,2,3-trichloropropane           | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,2,4,5-tetrachlorobenzene       | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 1,2,4-trichlorobenzene           | ug/L  |       |       | <1    |       | <1    |       |       | <1    | <1    | <1    | <1    |
| 1,2-dibromo-3-chloropropane      | ug/L  | <5    | <5    | <1    | <5    | <1    | <5    | <5    | <1    | <1    | <1    | <1    |
| 1,2-dibromoethane                | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,2-dichlorobenzene              | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,2-dichloroethane               | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,2-dichloropropane              | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,2-dinitrobenzene               | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 1,3,5-trinitrobenzene            | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 1,3-dichlorobenzene              | ug/L  |       |       | <1    |       | <1    |       |       | <1    | <1    | <1    | <1    |
| 1,3-dichloropropane              | ug/L  |       |       | <1    |       | <1    |       |       | <1    | <1    | <1    | <1    |
| 1,3-dinitrobenzene               | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 1,4-dichlorobenzene              | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,4-naphthoquinone               | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 1,4-phenylenediamine             | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 1-naphthylamine                  | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2,2-dichloropropane              | ug/L  |       |       | <1    |       | <1    |       |       | <1    | <1    | <1    | <1    |
| 2,3,4,6-tetrachlorophenol        | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2,4,5-t                          | ug/L  |       |       | <5    |       | <5    |       |       | <5    | <5    | <5    | <5    |
| 2,4,5-tp (silvex)                | ug/L  |       |       | <5    |       | <5    |       |       | <5    | <5    | <5    | <5    |
| 2,4,5-trichlorophenol            | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2,4,6-trichlorophenol            | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2,4-d                            | ug/L  |       |       | <2    |       | <2    |       |       | <2    | <2    | <2    | <2    |
| 2,4-dichlorophenol               | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2,4-dimethylphenol               | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2,4-dinitrophenol                | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2,4-dinitrotoluene               | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2,6-dichlorophenol               | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2,6-dinitrotoluene               | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2-acetylaminofluorene            | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2-butanone (mek)                 | ug/L  | <10   | <10   | <5    | <10   | <5    | <10   | <10   | <5    | <5    | <5    | <5    |
| 2-chloronaphthalene              | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2-chlorophenol                   | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2-hexanone (mbk)                 | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| 2-methylnaphthalene              | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2-methylphenol (o-cresol)        | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2-naphthylamine                  | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2-nitroaniline                   | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 2-nitrophenol                    | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 3,3'-dichlorobenzidine           | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 3,3-dimethylbenzidine            | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 3-methylcholanthrene             | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 3-nitroaniline                   | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 4,4'-ddd                         | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| 4,4'-dde                         | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| 4,4'-ddt                         | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| 4,6-dinitro-2-methylphenol       | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 4-aminobiphenyl                  | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 4-bromophenyl phenyl ether       | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 4-chloro-3-methylphenol          | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 4-chloroaniline                  | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 4-chlorophenyl phenyl ether      | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 4-methyl-2-pentanone (mibk)      | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| 4-nitroaniline                   | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 4-nitrophenol                    | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 5-nitro-o-toluidine              | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| 7,12-dimethylbenz [a] anthracene | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Acenaphthene                     | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Acenaphthylene                   | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Acetone                          | ug/L  | <10   | <10   | <10   | <10   | <10   | <10   | <10   | <10   | <10   | <10   | <10   |
| Acetonitrile                     | ug/L  |       |       | <10   |       | <10   |       |       | <10   | <10   | <10   | <10   |
| Acetophenone                     | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Acrolein                         | ug/L  |       |       | <10   |       | <10   |       |       | <10   | <10   | <10   | <10   |
| Acrylonitrile                    | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| Aldrin                           | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| Allyl chloride                   | ug/L  |       |       | <1    |       | <1    |       |       | <1    | <1    | <1    | <1    |
| Alpha-bhc                        | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| Anthracene                       | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |

\* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

## Analytical Data Summary for 3/12/2025

| Constituents                     | MW-61 | MW-62R | MW-64 | MW-65 | MW-78 | MW-79 | MW-80 | PECS-1 | SW-101R | SW-102 | SW-103 |
|----------------------------------|-------|--------|-------|-------|-------|-------|-------|--------|---------|--------|--------|
| (3,4)-methylphenol               |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 1,1,1,2-tetrachloroethane        | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,1,1-trichloroethane            | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,1,2,2-tetrachloroethane        | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,1,2-trichloroethane            | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,1-dichloroethane               | <1.0  | <1.0   | 1.6   | <1.0  | <1.0  | <1.0  | <1.0  | <1.0   | <1.0    | <1.0   | <1.0   |
| 1,1-dichloroethylene             | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,1-dichloropropene              |       | <1     |       |       |       |       | <1    |        |         |        |        |
| 1,2,3-trichloropropane           | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,2,4,5-tetrachlorobenzene       |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 1,2,4-trichlorobenzene           |       | <1     |       |       |       |       | <1    |        |         |        |        |
| 1,2-dibromo-3-chloropropane      | <5    | <1     | <5    | <5    | <5    | <5    | <1    | <5     | <5      | <5     | <5     |
| 1,2-dibromoethane                | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,2-dichlorobenzene              | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,2-dichloroethane               | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,2-dichloropropane              | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,2-dinitrobenzene               |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 1,3,5-trinitrobenzene            |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 1,3-dichlorobenzene              |       | <1     |       |       |       |       | <1    |        |         |        |        |
| 1,3-dichloropropane              |       | <1     |       |       |       |       | <1    |        |         |        |        |
| 1,3-dinitrobenzene               |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 1,4-dichlorobenzene              | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,4-naphthoquinone               |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 1,4-phenylenediamine             |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 1-naphthylamine                  |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2,2-dichloropropane              |       | <1     |       |       |       |       | <1    |        |         |        |        |
| 2,3,4,6-tetrachlorophenol        |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2,4,5-t                          |       | <5     |       |       |       |       | <5    |        |         |        |        |
| 2,4,5-tp (silvex)                |       | <5     |       |       |       |       | <5    |        |         |        |        |
| 2,4,5-trichlorophenol            |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2,4,6-trichlorophenol            |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2,4-d                            |       | <2     |       |       |       |       | <2    |        |         |        |        |
| 2,4-dichlorophenol               |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2,4-dimethylphenol               |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2,4-dinitrophenol                |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2,4-dinitrotoluene               |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2,6-dichlorophenol               |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2,6-dinitrotoluene               |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2-acetylaminofluorene            |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2-butanone (mek)                 | <10   | <5     | <10   | <10   | <10   | <10   | <5    | <10    | <10     | <10    | <10    |
| 2-chloronaphthalene              |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2-chlorophenol                   |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2-hexanone (mbk)                 | <5    | <5     | <5    | <5    | <5    | <5    | <5    | <5     | <5      | <5     | <5     |
| 2-methylnaphthalene              |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2-methylphenol (o-cresol)        |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2-naphthylamine                  |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2-nitroaniline                   |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 2-nitrophenol                    |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 3,3'-dichlorobenzidine           |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 3,3-dimethylbenzidine            |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 3-methylcholanthrene             |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 3-nitroaniline                   |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 4,4'-ddd                         |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| 4,4'-dde                         |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| 4,4'-ddt                         |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| 4,6-dinitro-2-methylphenol       |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 4-aminobiphenyl                  |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 4-bromophenyl phenyl ether       |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 4-chloro-3-methylphenol          |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 4-chloroaniline                  |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 4-chlorophenyl phenyl ether      |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 4-methyl-2-pentanone (mibk)      | <5    | <5     | <5    | <5    | <5    | <5    | <5    | <5     | <5      | <5     | <5     |
| 4-nitroaniline                   |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 4-nitrophenol                    |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 5-nitro-o-toluidine              |       | <8     |       |       |       |       | <8    |        |         |        |        |
| 7,12-dimethylbenz [a] anthracene |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Acenaphthene                     |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Acenaphthylene                   |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Acetone                          | <10   | <10    | <10   | <10   | <10   | <10   | <10   | <10    | <10     | <10    | <10    |
| Acetonitrile                     |       | <10    |       |       |       |       | <10   |        |         |        |        |
| Acetophenone                     |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Acrolein                         |       | <10    |       |       |       |       | <10   |        |         |        |        |
| Acrylonitrile                    | <5    | <5     | <5    | <5    | <5    | <5    | <5    | <5     | <5      | <5     | <5     |
| Aldrin                           |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| Allyl chloride                   |       | <1     |       |       |       |       | <1    |        |         |        |        |
| Alpha-bhc                        |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| Anthracene                       |       | <8     |       |       |       |       | <8    |        |         |        |        |

\* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

## Analytical Data Summary for 3/12/2025

| Constituents                 | Units | MW-36 | MW-39 | MW-41 | MW-42 | MW-44 | MW-48 | MW-56 | MW-57 | MW-58 | MW-59 | MW-60 |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Antimony, total              | ug/L  | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    |
| Arochlor 1016                | ug/L  |       |       | <2    |       | <2    |       |       | <2    | <2    | <2    | <2    |
| Arochlor 1221                | ug/L  |       |       | <2    |       | <2    |       |       | <2    | <2    | <2    | <2    |
| Arochlor 1232                | ug/L  |       |       | <2    |       | <2    |       |       | <2    | <2    | <2    | <2    |
| Arochlor 1242                | ug/L  |       |       | <2    |       | <2    |       |       | <2    | <2    | <2    | <2    |
| Arochlor 1248                | ug/L  |       |       | <2    |       | <2    |       |       | <2    | <2    | <2    | <2    |
| Arochlor 1254                | ug/L  |       |       | <2    |       | <2    |       |       | <2    | <2    | <2    | <2    |
| Arochlor 1260                | ug/L  |       |       | <2    |       | <2    |       |       | <2    | <2    | <2    | <2    |
| Arsenic, total               | ug/L  | <4.0  | <4.0  | <4.0  | <4.0  | 8.9   | <4.0  | <4.0  | <4.0  | <4.0  | <4.0  | <4.0  |
| Azobenzene                   | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Barium, total                | ug/L  | 76.3  | 135.0 | 73.1  | 18.1  | 126.0 | 153.0 | 18.2  | 164.0 | 21.4  | 24.8  | 146.0 |
| Benzene                      | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Benzo(a)anthracene           | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Benzo(a)pyrene               | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Benzo(b)fluoranthene         | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Benzo(g,h,i)perylene         | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Benzo(k)fluoranthene         | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Benzyl alcohol               | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Beryllium, total             | ug/L  | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    |
| Beta-bhc                     | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| Bis (2-chloroethoxy) methane | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Bis(2-chloroethyl) ether     | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Bis(2-ethylhexyl) phthalate  | ug/L  |       |       | <6    |       | <6    |       |       | <6    | <6    | <6    | <6    |
| Bis[2-chloroisopropyl]ether  | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Bromochloromethane           | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Bromodichloromethane         | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Bromoform                    | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Bromomethane                 | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Butyl benzyl phthalate       | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Cadmium, total               | ug/L  | <.8   | <.8   | <.8   | <.8   | <.8   | <.8   | <.8   | <.8   | <.8   | <.8   | <.8   |
| Carbon disulfide             | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Carbon tetrachloride         | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Chlordane                    | ug/L  |       |       | <.1   |       | <.1   |       |       | <.1   | <.1   | <.1   | <.1   |
| Chlorobenzene                | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Chlorobenzilate              | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Chloroethane                 | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Chloroform                   | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Chloromethane                | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Chloroprene                  | ug/L  |       |       | <1    |       | <1    |       |       | <1    | <1    | <1    | <1    |
| Chromium, total              | ug/L  | <8    | <8    | <8    | <8    | <8    | <8    | <8    | <8    | <8    | <8    | <8    |
| Chrysene                     | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Cis-1,2-dichloroethylene     | ug/L  | <1.0  | <1.0  | 3.3   | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  |
| Cis-1,3-dichloropropene      | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Cobalt, total                | ug/L  | <.4   | <.4   | <.4   | <.4   | 10.3  | <.4   | <.4   | <.4   | <.4   | <.4   | <.4   |
| Copper, total                | ug/L  | <4.0  | <4.0  | <4.0  | <4.0  | <4.0  | <4.0  | <4.0  | <4.0  | <4.0  | 6.7   | 4.5   |
| Cyanide, total               | mg/L  |       |       | <.01  |       | <.01  |       |       | <.01  | <.01  | <.01  | <.01  |
| Delta-bhc                    | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| Diallate                     | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Dibenzo(a,h)anthracene       | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Dibenzofuran                 | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Dibromochloromethane         | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Dibromomethane               | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Dichlorodifluoromethane      | ug/L  |       |       | <1    |       | <1    |       |       | <1    | <1    | <1    | <1    |
| Dieldrin                     | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| Diethyl phthalate            | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Dimethoate                   | ug/L  |       |       | <.4   |       | <.4   |       |       | <.4   | <.4   | <.4   | <.4   |
| Dimethylphthalate            | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Di-n-butyl phthalate         | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Di-n-octyl phthalate         | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Dinoseb                      | ug/L  |       |       | <.5   |       | <.5   |       |       | <.5   | <.5   | <.5   | <.5   |
| Diphenylamine                | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Disulfoton                   | ug/L  |       |       | <.4   |       | <.4   |       |       | <.4   | <.4   | <.4   | <.4   |
| Endosulfan i                 | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| Endosulfan ii                | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| Endosulfan sulfate           | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| Endrin                       | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| Endrin aldehyde              | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| Ethyl methacrylate           | ug/L  |       |       | <10   |       | <10   |       |       | <10   | <10   | <10   | <10   |
| Ethyl methanesulfonate       | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Ethylbenzene                 | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Famphur                      | ug/L  |       |       | <.4   |       | <.4   |       |       | <.4   | <.4   | <.4   | <.4   |
| Fluoranthene                 | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Fluorene                     | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Gamma-bhc [lindane]          | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| Heptachlor                   | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| Heptachlor epoxide           | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| Hexachlorobenzene            | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |

\* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

## Analytical Data Summary for 3/12/2025

| Constituents                 | MW-61 | MW-62R | MW-64 | MW-65 | MW-78 | MW-79 | MW-80 | PECS-1 | SW-101R | SW-102 | SW-103 |
|------------------------------|-------|--------|-------|-------|-------|-------|-------|--------|---------|--------|--------|
| Antimony, total              | <2    | <2     | <2    | <2    | <2    | <2    | <2    |        | <2      | <2     | <2     |
| Arochlor 1016                |       | <2     |       |       |       |       | <2    |        |         |        |        |
| Arochlor 1221                |       | <2     |       |       |       |       | <2    |        |         |        |        |
| Arochlor 1232                |       | <2     |       |       |       |       | <2    |        |         |        |        |
| Arochlor 1242                |       | <2     |       |       |       |       | <2    |        |         |        |        |
| Arochlor 1248                |       | <2     |       |       |       |       | <2    |        |         |        |        |
| Arochlor 1254                |       | <2     |       |       |       |       | <2    |        |         |        |        |
| Arochlor 1260                |       | <2     |       |       |       |       | <2    |        |         |        |        |
| Arsenic, total               | <4.0  | <4.0   | 25.7  | 4.3   | <4.0  | <4.0  | 4.6   |        | <4.0    | <4.0   | <4.0   |
| Azobenzene                   |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Barium, total                | 196.0 | 946.0  | 57.2  | 30.0  | 283.0 | 54.9  | 127.0 |        | 224.0   | 152.0  | 150.0  |
| Benzene                      | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Benzo(a)anthracene           |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Benzo(a)pyrene               |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Benzo(b)fluoranthene         |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Benzo(g,h,i)perylene         |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Benzo(k)fluoranthene         |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Benzyl alcohol               |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Beryllium, total             | <4    | <4     | <4    | <4    | <4    | <4    | <4    |        | <4      | <4     | <4     |
| Beta-bhc                     |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| Bis (2-chloroethoxy) methane |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Bis(2-chloroethyl) ether     |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Bis(2-ethylhexyl) phthalate  |       | <6     |       |       |       |       | <6    |        |         |        |        |
| Bis[2-chloroisopropyl]ether  |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Bromochloromethane           | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Bromodichloromethane         | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Bromoform                    | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Bromomethane                 | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Butyl benzyl phthalate       |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Cadmium, total               | <.8   | <.8    | <.8   | <.8   | <.8   | <.8   | <.8   |        | <.8     | <.8    | <.8    |
| Carbon disulfide             | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Carbon tetrachloride         | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Chlordane                    |       | <.1    |       |       |       |       | <.1   |        |         |        |        |
| Chlorobenzene                | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Chlorobenzilate              |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Chloroethane                 | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Chloroform                   | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Chloromethane                | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Chloroprene                  |       | <1     |       |       |       |       | <1    |        |         |        |        |
| Chromium, total              | <8    | <8     | <8    | <8    | <8    | <8    | <8    |        | <8      | <8     | <8     |
| Chrysene                     |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Cis-1,2-dichloroethylene     | <1.0  | <1.0   | 2.0   | <1.0  | <1.0  | <1.0  | <1.0  | <1.0   | 2.2     | <1.0   | <1.0   |
| Cis-1,3-dichloropropene      | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Cobalt, total                | <.4   | <.4    | 11.1  | 3.6   | <.4   | <.4   | 1.8   |        | 1.4     | <.4    | .6     |
| Copper, total                | <4.0  | <4.0   | <4.0  | <4.0  | <4.0  | <4.0  | <4.0  |        | 5.7     | <4.0   | <4.0   |
| Cyanide, total               |       | <.01   |       |       |       |       | <.01  |        |         |        |        |
| Delta-bhc                    |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| Diallate                     |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Dibenzo(a,h)anthracene       |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Dibenzofuran                 |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Dibromochloromethane         | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Dibromomethane               | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Dichlorodifluoromethane      |       | <1     |       |       |       |       | <1    |        |         |        |        |
| Dieldrin                     |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| Diethyl phthalate            |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Dimethoate                   |       | <.4    |       |       |       |       | <.4   |        |         |        |        |
| Dimethylphthalate            |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Di-n-butyl phthalate         |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Di-n-octyl phthalate         |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Dinoseb                      |       | <.5    |       |       |       |       | <.5   |        |         |        |        |
| Diphenylamine                |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Disulfoton                   |       | <.4    |       |       |       |       | <.4   |        |         |        |        |
| Endosulfan i                 |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| Endosulfan ii                |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| Endosulfan sulfate           |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| Endrin                       |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| Endrin aldehyde              |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| Ethyl methacrylate           |       | <10    |       |       |       |       | <10   |        |         |        |        |
| Ethyl methanesulfonate       |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Ethylbenzene                 | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Famphur                      |       | <.4    |       |       |       |       | <.4   |        |         |        |        |
| Fluoranthene                 |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Fluorene                     |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Gamma-bhc [lindane]          |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| Heptachlor                   |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| Heptachlor epoxide           |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| Hexachlorobenzene            |       | <.05   |       |       |       |       | <.05  |        |         |        |        |

\* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

## Analytical Data Summary for 3/12/2025

| Constituents                    | Units | MW-36 | MW-39 | MW-41 | MW-42 | MW-44 | MW-48 | MW-56 | MW-57 | MW-58 | MW-59 | MW-60 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Hexachlorobutadiene             | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Hexachlorocyclopentadiene       | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Hexachloroethane                | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Hexachloropropene               | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Indeno(1,2,3-cd)pyrene          | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Isobutanol                      | ug/L  |       |       | <1000 |       | <1000 |       |       | <1000 | <1000 | <1000 | <1000 |
| Isodrin                         | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Isophorone                      | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Isosafrole                      | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Kepone                          | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Lead, total                     | ug/L  | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    |
| Mercury, total                  | ug/L  |       |       | <.5   |       | <.5   |       |       | <.5   | <.5   | <.5   | <.5   |
| Methacrylonitrile               | ug/L  |       |       | <1    |       | <1    |       |       | <1    | <1    | <1    | <1    |
| Methapyrene                     | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Methoxychlor                    | ug/L  |       |       | <.05  |       | <.05  |       |       | <.05  | <.05  | <.05  | <.05  |
| Methyl iodide                   | ug/L  | <1    | <1    | <2    | <1    | <2    | <1    | <1    | <2    | <2    | <2    | <2    |
| Methyl methacrylate             | ug/L  |       |       | <1    |       | <1    |       |       | <1    | <1    | <1    | <1    |
| Methyl methanesulfonate         | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Methyl parathion                | ug/L  |       |       | <.4   |       | <.4   |       |       | <.4   | <.4   | <.4   | <.4   |
| Methylene chloride              | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| Naphthalene                     | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Nickel, total                   | ug/L  | <4.0  | <4.0  | <4.0  | <4.0  | 8.8   | <4.0  | <4.0  | <4.0  | 14.2  | <4.0  | 5.3   |
| Nitrobenzene                    | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| N-nitrosodiethylamine           | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| N-nitrosodimethylamine          | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| N-nitrosodi-n-butylamine        | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| N-nitroso-di-n-propylamine      | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| N-nitrosodiphenylamine          | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| N-nitrosomethylethylamine       | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| N-nitrosopiperidine             | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| N-nitrosopyrrolidine            | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| O,o,o-triethyl phosphorothioate | ug/L  |       |       | <.4   |       | <.4   |       |       | <.4   | <.4   | <.4   | <.4   |
| O-toluidine                     | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| P-(dimethylamino)azobenzene     | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Parathion                       | ug/L  |       |       | <.4   |       | <.4   |       |       | <.4   | <.4   | <.4   | <.4   |
| Pentachlorobenzene              | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Pentachloronitrobenzene (pcnb)  | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Pentachlorophenol               | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Phenacetin                      | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Phenanthrene                    | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Phenol                          | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Phorate                         | ug/L  |       |       | <.4   |       | <.4   |       |       | <.4   | <.4   | <.4   | <.4   |
| Pronamide                       | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Propionitrile                   | ug/L  |       |       | <10   |       | <10   |       |       | <10   | <10   | <10   | <10   |
| Pyrene                          | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Safrole                         | ug/L  |       |       | <8    |       | <8    |       |       | <8    | <8    | <8    | <8    |
| Selenium, total                 | ug/L  | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    |
| Silver, total                   | ug/L  | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    | <4    |
| Styrene                         | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Sulfide, total                  | mg/L  |       |       | <.1   |       | <.1   |       |       | <.1   | <.1   | <.1   | <.1   |
| Tetrachloroethylene             | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Thallium, total                 | ug/L  | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    |
| Thionazin                       | ug/L  |       |       | <.4   |       | <.4   |       |       | <.4   | <.4   | <.4   | <.4   |
| Tin, total                      | ug/L  |       |       | <20   |       | <20   |       |       | <20   | <20   | <20   | <20   |
| Toluene                         | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Toxaphene                       | ug/L  |       |       | <.2   |       | <.2   |       |       | <.2   | <.2   | <.2   | <.2   |
| Trans-1,2-dichloroethylene      | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Trans-1,3-dichloropropene       | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Trans-1,4-dichloro-2-butene     | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| Trichloroethylene               | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Trichlorofluoromethane          | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Vanadium, total                 | ug/L  | <20   | <20   | <20   | <20   | <20   | <20   | <20   | <20   | <20   | <20   | <20   |
| Vinyl acetate                   | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| Vinyl chloride                  | ug/L  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  |
| Xylenes, total                  | ug/L  | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    |
| Zinc, total                     | ug/L  | <20   | <20   | <20   | <20   | <20   | <20   | <20   | <20   | <20   | <20   | <20   |

\* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

## Analytical Data Summary for 3/12/2025

| Constituents                    | MW-61 | MW-62R | MW-64 | MW-65 | MW-78 | MW-79 | MW-80 | PECS-1 | SW-101R | SW-102 | SW-103 |
|---------------------------------|-------|--------|-------|-------|-------|-------|-------|--------|---------|--------|--------|
| Hexachlorobutadiene             |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Hexachlorocyclopentadiene       |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Hexachloroethane                |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Hexachloropropene               |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Indeno(1,2,3-cd)pyrene          |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Isobutanol                      |       | <1000  |       |       |       |       | <1000 |        |         |        |        |
| Isodrin                         |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Isophorone                      |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Isosafrole                      |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Kepone                          |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Lead, total                     | <4    | <4     | <4    | <4    | <4    | <4    | <4    |        | <4      | <4     | <4     |
| Mercury, total                  |       | <.5    |       |       |       |       | <.5   |        |         |        |        |
| Methacrylonitrile               |       | <1     |       |       |       |       | <1    |        |         |        |        |
| Methapyrilene                   |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Methoxychlor                    |       | <.05   |       |       |       |       | <.05  |        |         |        |        |
| Methyl iodide                   | <1    | <2     | <1    | <1    | <1    | <1    | <2    | <1     | <1      | <1     | <1     |
| Methyl methacrylate             |       | <1     |       |       |       |       | <1    |        |         |        |        |
| Methyl methanesulfonate         |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Methyl parathion                |       | <.4    |       |       |       |       | <.4   |        |         |        |        |
| Methylene chloride              | <5    | <5     | <5    | <5    | <5    | <5    | <5    | <5     | <5      | <5     | <5     |
| Naphthalene                     |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Nickel, total                   | <4.0  | <4.0   | 30.7  | 12.0  | <4.0  | <4.0  | <4.0  |        | <4.0    | <4.0   | <4.0   |
| Nitrobenzene                    |       | <8     |       |       |       |       | <8    |        |         |        |        |
| N-nitrosodiethylamine           |       | <8     |       |       |       |       | <8    |        |         |        |        |
| N-nitrosodimethylamine          |       | <8     |       |       |       |       | <8    |        |         |        |        |
| N-nitrosodi-n-butylamine        |       | <8     |       |       |       |       | <8    |        |         |        |        |
| N-nitroso-di-n-propylamine      |       | <8     |       |       |       |       | <8    |        |         |        |        |
| N-nitrosodiphenylamine          |       | <8     |       |       |       |       | <8    |        |         |        |        |
| N-nitrosomethylethylamine       |       | <8     |       |       |       |       | <8    |        |         |        |        |
| N-nitrosopiperidine             |       | <8     |       |       |       |       | <8    |        |         |        |        |
| N-nitrosopyrrolidine            |       | <8     |       |       |       |       | <8    |        |         |        |        |
| O,o,o-triethyl phosphorothioate |       | <.4    |       |       |       |       | <.4   |        |         |        |        |
| O-toluidine                     |       | <8     |       |       |       |       | <8    |        |         |        |        |
| P-(dimethylamino)azobenzene     |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Parathion                       |       | <.4    |       |       |       |       | <.4   |        |         |        |        |
| Pentachlorobenzene              |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Pentachloronitrobenzene (pcnb)  |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Pentachlorophenol               |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Phenacetin                      |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Phenanthrene                    |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Phenol                          |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Phorate                         |       | <.4    |       |       |       |       | <.4   |        |         |        |        |
| Pronamide                       |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Propionitrile                   |       | <10    |       |       |       |       | <10   |        |         |        |        |
| Pyrene                          |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Safrole                         |       | <8     |       |       |       |       | <8    |        |         |        |        |
| Selenium, total                 | <4    | <4     | <4    | <4    | <4    | <4    | <4    |        | <4      | <4     | <4     |
| Silver, total                   | <4    | <4     | <4    | <4    | <4    | <4    | <4    |        | <4      | <4     | <4     |
| Styrene                         | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Sulfide, total                  |       | <.1    |       |       |       |       | <.1   |        |         |        |        |
| Tetrachloroethylene             | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Thallium, total                 | <2    | <2     | <2    | <2    | <2    | <2    | <2    |        | <2      | <2     | <2     |
| Thionazin                       |       | <.4    |       |       |       |       | <.4   |        |         |        |        |
| Tin, total                      |       | <20    |       |       |       |       | <20   |        |         |        |        |
| Toluene                         | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Toxaphene                       |       | <.2    |       |       |       |       | <.2   |        |         |        |        |
| Trans-1,2-dichloroethylene      | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Trans-1,3-dichloropropene       | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Trans-1,4-dichloro-2-butene     | <5    | <5     | <5    | <5    | <5    | <5    | <5    | <5     | <5      | <5     | <5     |
| Trichloroethylene               | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Trichlorofluoromethane          | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Vanadium, total                 | <20   | <20    | <20   | <20   | <20   | <20   | <20   |        | <20     | <20    | <20    |
| Vinyl acetate                   | <5    | <5     | <5    | <5    | <5    | <5    | <5    | <5     | <5      | <5     | <5     |
| Vinyl chloride                  | <1.0  | <1.0   | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0   | 1.2     | <1.0   | <1.0   |
| Xylenes, total                  | <2    | <2     | <2    | <2    | <2    | <2    | <2    | <2     | <2      | <2     | <2     |
| Zinc, total                     | <20   | <20    | <20   | <20   | <20   | <20   | <20   |        | <20     | <20    | <20    |

\* - The displayed value is the arithmetic mean of multiple database matches.

**Attachment B**

Summary Tables and Graphs for the Interwell Comparisons

Table 1

## Upgradient Data

| Constituent      | Units | Well  | Date       |    | Result   | Adjusted |  |
|------------------|-------|-------|------------|----|----------|----------|--|
| Antimony, total  | ug/L  | MW-39 | 09/24/2014 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 12/05/2014 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/11/2015 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 06/16/2015 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/17/2015 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/22/2016 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/15/2016 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/23/2017 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/08/2017 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/19/2018 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/11/2018 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/26/2019 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/04/2019 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/26/2020 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/15/2020 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/02/2021 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/07/2021 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/24/2022 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 08/31/2022 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/02/2023 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/12/2023 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/04/2024 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/23/2024 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/12/2025 | ND | 2.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/17/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/15/2016 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/26/2019 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/04/2019 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/26/2020 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/15/2020 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/02/2021 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/07/2021 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/24/2022 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 08/31/2022 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/02/2023 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/12/2023 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/04/2024 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/23/2024 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/12/2025 | ND | 4.0000   |          |  |
| Barium, total    | ug/L  | MW-39 | 09/24/2014 |    | 60.6000  |          |  |
| Barium, total    | ug/L  | MW-39 | 12/05/2014 |    | 139.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/11/2015 |    | 136.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 06/16/2015 |    | 148.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/17/2015 |    | 128.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/22/2016 |    | 123.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/15/2016 |    | 103.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/23/2017 |    | 129.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/08/2017 |    | 117.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/19/2018 |    | 131.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/11/2018 |    | 114.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/26/2019 |    | 121.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/04/2019 |    | 138.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/26/2020 |    | 150.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/15/2020 |    | 136.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/02/2021 |    | 125.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/07/2021 |    | 141.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/24/2022 |    | 137.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 08/31/2022 |    | 132.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/02/2023 |    | 134.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/12/2023 |    | 133.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/04/2024 |    | 128.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/23/2024 |    | 119.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/12/2025 |    | 135.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000   |          |  |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.



Table 1

## Upgradient Data

| Constituent      | Units | Well  | Date       |    | Result | Adjusted |  |
|------------------|-------|-------|------------|----|--------|----------|--|
| Beryllium, total | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/17/2015 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/15/2016 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/26/2019 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/04/2019 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/26/2020 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/15/2020 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/02/2021 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/07/2021 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/24/2022 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 08/31/2022 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/02/2023 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/12/2023 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/04/2024 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/23/2024 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/12/2025 | ND | 4.0000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/24/2014 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 12/05/2014 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/11/2015 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 06/16/2015 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/17/2015 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/22/2016 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/15/2016 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/23/2017 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/08/2017 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/19/2018 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/11/2018 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/26/2019 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/04/2019 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/26/2020 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/15/2020 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/02/2021 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/07/2021 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/24/2022 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 08/31/2022 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/02/2023 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/12/2023 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/04/2024 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/23/2024 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/12/2025 | ND | 0.8000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/24/2014 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 12/05/2014 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/11/2015 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 06/16/2015 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/17/2015 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/22/2016 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/15/2016 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/23/2017 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/08/2017 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/19/2018 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/11/2018 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/26/2019 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/04/2019 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/26/2020 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/15/2020 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/02/2021 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/07/2021 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/24/2022 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 08/31/2022 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/02/2023 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/12/2023 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/04/2024 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/23/2024 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/12/2025 | ND | 8.0000 |          |  |
| Cobalt, total    | ug/L  | MW-39 | 09/24/2014 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-39 | 12/05/2014 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-39 | 03/11/2015 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-39 | 06/16/2015 | ND | 0.8000 |          |  |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent   | Units | Well  | Date       |    | Result | Adjusted |    |
|---------------|-------|-------|------------|----|--------|----------|----|
| Cobalt, total | ug/L  | MW-39 | 09/17/2015 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 03/22/2016 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 09/15/2016 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 03/23/2017 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 09/08/2017 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 03/19/2018 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 09/11/2018 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 03/26/2019 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 09/04/2019 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 03/26/2020 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 09/15/2020 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-39 | 03/02/2021 |    | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 09/07/2021 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-39 | 03/24/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-39 | 08/31/2022 |    | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 03/02/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-39 | 09/12/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-39 | 03/04/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-39 | 09/23/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-39 | 03/12/2025 | ND | 0.4000 | 0.8000   | ** |
| Copper, total | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/17/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/15/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/26/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/04/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/26/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/15/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/02/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/07/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/24/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 08/31/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/02/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/12/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/04/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/23/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/12/2025 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/17/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/15/2016 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/26/2019 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/04/2019 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/26/2020 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/15/2020 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/02/2021 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/07/2021 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/24/2022 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 08/31/2022 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/02/2023 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/12/2023 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/04/2024 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/23/2024 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/12/2025 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39 | 09/17/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well  | Date       |    | Result | Adjusted |    |
|-----------------|-------|-------|------------|----|--------|----------|----|
| Nickel, total   | ug/L  | MW-39 | 09/15/2016 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/26/2019 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 09/04/2019 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/26/2020 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 09/15/2020 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/02/2021 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 09/07/2021 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/24/2022 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 08/31/2022 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/02/2023 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 09/12/2023 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/04/2024 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 09/23/2024 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/12/2025 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/17/2015 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/15/2016 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/26/2019 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/04/2019 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/26/2020 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/15/2020 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/02/2021 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/07/2021 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/24/2022 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 08/31/2022 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/02/2023 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/12/2023 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/04/2024 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/23/2024 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/12/2025 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/17/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/15/2016 |    | 6.4000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/26/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/04/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/26/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/15/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/02/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/07/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/24/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 08/31/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/02/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/12/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/04/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/23/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/12/2025 | ND | 4.0000 |          |    |
| Thallium, total | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 09/17/2015 |    | 2.4000 |          |    |
| Thallium, total | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 09/15/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000 | 2.0000   | ** |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well  | Date       |    | Result  | Adjusted |    |
|-----------------|-------|-------|------------|----|---------|----------|----|
| Thallium, total | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 03/26/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 09/04/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 03/26/2020 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 09/15/2020 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 03/02/2021 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 09/07/2021 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 03/24/2022 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 08/31/2022 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 03/02/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 09/12/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 03/04/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 09/23/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 03/12/2025 | ND | 2.0000  |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/24/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 12/05/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/11/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 06/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/17/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/22/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/15/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/23/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/08/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/19/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/11/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/26/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/04/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/26/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/15/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/02/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/07/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/24/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 08/31/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/02/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/12/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/04/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/23/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/12/2025 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 09/24/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 12/05/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 03/11/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 06/16/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 09/17/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 03/22/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 09/15/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 03/23/2017 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 09/08/2017 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 03/19/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 09/11/2018 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 03/26/2019 |    | 24.6000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 09/04/2019 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 03/26/2020 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 09/15/2020 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 03/02/2021 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 09/07/2021 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 03/24/2022 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 08/31/2022 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 03/02/2023 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 09/12/2023 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 03/04/2024 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 09/23/2024 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 03/12/2025 | ND | 20.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/24/2014 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 12/05/2014 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 03/11/2015 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 06/16/2015 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 09/16/2015 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 03/22/2016 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 09/14/2016 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 03/23/2017 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 09/08/2017 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 03/19/2018 | ND | 2.0000  |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent      | Units | Well  | Date       |    | Result   | Adjusted |  |
|------------------|-------|-------|------------|----|----------|----------|--|
| Antimony, total  | ug/L  | MW-48 | 09/11/2018 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 03/26/2019 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 09/04/2019 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 03/26/2020 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 09/15/2020 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 03/02/2021 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 09/07/2021 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 03/24/2022 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 08/31/2022 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 03/02/2023 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 09/12/2023 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 03/04/2024 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 09/23/2024 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 03/12/2025 | ND | 2.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/26/2019 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/04/2019 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/26/2020 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/15/2020 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/02/2021 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/07/2021 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/24/2022 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 08/31/2022 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/02/2023 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/12/2023 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/04/2024 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/23/2024 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/12/2025 | ND | 4.0000   |          |  |
| Barium, total    | ug/L  | MW-48 | 09/24/2014 |    | 181.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 12/05/2014 |    | 168.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/11/2015 |    | 143.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 06/16/2015 |    | 161.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/16/2015 |    | 150.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/22/2016 |    | 153.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/14/2016 |    | 140.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/23/2017 |    | 146.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/08/2017 |    | 171.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/19/2018 |    | 145.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/11/2018 |    | 151.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/26/2019 |    | 153.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/04/2019 |    | 160.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/26/2020 |    | 156.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/15/2020 |    | 152.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/02/2021 |    | 159.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/07/2021 |    | 149.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/24/2022 |    | 143.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 08/31/2022 |    | 157.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/02/2023 |    | 149.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/12/2023 |    | 168.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/04/2024 |    | 149.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/23/2024 |    | 148.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/12/2025 |    | 153.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/26/2019 | ND | 4.0000   |          |  |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent      | Units | Well  | Date       |    | Result | Adjusted |  |
|------------------|-------|-------|------------|----|--------|----------|--|
| Beryllium, total | ug/L  | MW-48 | 09/04/2019 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/26/2020 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/15/2020 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/02/2021 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/07/2021 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/24/2022 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 08/31/2022 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/02/2023 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/12/2023 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/04/2024 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/23/2024 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/12/2025 | ND | 4.0000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/24/2014 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 12/05/2014 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/11/2015 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 06/16/2015 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/16/2015 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/22/2016 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/14/2016 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/23/2017 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/08/2017 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/19/2018 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/11/2018 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/26/2019 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/04/2019 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/26/2020 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/15/2020 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/02/2021 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/07/2021 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/24/2022 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 08/31/2022 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/02/2023 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/12/2023 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/04/2024 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/23/2024 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/12/2025 | ND | 0.8000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/24/2014 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 12/05/2014 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/11/2015 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 06/16/2015 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/16/2015 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/22/2016 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/14/2016 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/23/2017 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/08/2017 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/19/2018 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/11/2018 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/26/2019 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/04/2019 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/26/2020 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/15/2020 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/02/2021 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/07/2021 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/24/2022 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 08/31/2022 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/02/2023 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/12/2023 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/04/2024 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/23/2024 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/12/2025 | ND | 8.0000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 09/24/2014 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 12/05/2014 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 03/11/2015 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 06/16/2015 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 09/16/2015 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 03/22/2016 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 09/14/2016 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 03/23/2017 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 09/08/2017 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 03/19/2018 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 09/11/2018 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 03/26/2019 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 09/04/2019 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 03/26/2020 | ND | 0.8000 |          |  |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent   | Units | Well  | Date       |    | Result | Adjusted |    |
|---------------|-------|-------|------------|----|--------|----------|----|
| Cobalt, total | ug/L  | MW-48 | 09/15/2020 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48 | 03/02/2021 |    | 0.9000 |          |    |
| Cobalt, total | ug/L  | MW-48 | 09/07/2021 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48 | 03/24/2022 |    | 0.4000 |          |    |
| Cobalt, total | ug/L  | MW-48 | 08/31/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48 | 03/02/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48 | 09/12/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48 | 03/04/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48 | 09/23/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48 | 03/12/2025 | ND | 0.4000 | 0.8000   | ** |
| Copper, total | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/26/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/04/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/26/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/15/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/02/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/07/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/24/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 08/31/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/02/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/12/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/04/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/23/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/12/2025 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/26/2019 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/04/2019 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/26/2020 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/15/2020 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/02/2021 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/07/2021 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/24/2022 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 08/31/2022 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/02/2023 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/12/2023 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/04/2024 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/23/2024 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/12/2025 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 03/26/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 09/04/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 03/26/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 09/15/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 03/02/2021 | ND | 4.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well  | Date       |    | Result | Adjusted |    |
|-----------------|-------|-------|------------|----|--------|----------|----|
| Nickel, total   | ug/L  | MW-48 | 09/07/2021 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-48 | 03/24/2022 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-48 | 08/31/2022 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-48 | 03/02/2023 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-48 | 09/12/2023 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-48 | 03/04/2024 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-48 | 09/23/2024 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-48 | 03/12/2025 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/26/2019 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/04/2019 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/26/2020 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/15/2020 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/02/2021 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/07/2021 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/24/2022 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 08/31/2022 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/02/2023 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/12/2023 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/04/2024 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/23/2024 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/12/2025 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/26/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/04/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/26/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/15/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/02/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/07/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/24/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 08/31/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/02/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/12/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/04/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/23/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/12/2025 | ND | 4.0000 |          |    |
| Thallium, total | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 03/26/2019 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48 | 09/04/2019 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48 | 03/26/2020 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48 | 09/15/2020 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48 | 03/02/2021 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48 | 09/07/2021 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48 | 03/24/2022 | ND | 2.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.



Table 1

## Upgradient Data

| Constituent     | Units | Well  | Date       |    | Result  | Adjusted |    |
|-----------------|-------|-------|------------|----|---------|----------|----|
| Thallium, total | ug/L  | MW-48 | 08/31/2022 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-48 | 03/02/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-48 | 09/12/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-48 | 03/04/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-48 | 09/23/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-48 | 03/12/2025 | ND | 2.0000  |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/24/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 12/05/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/11/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 06/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/22/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/14/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/23/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/08/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/19/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/11/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/26/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/04/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/26/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/15/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/02/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/07/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/24/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 08/31/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/02/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/12/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/04/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/23/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/12/2025 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 09/24/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 12/05/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 03/11/2015 |    | 32.3000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 06/16/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 09/16/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 03/22/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 09/14/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 03/23/2017 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 09/08/2017 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 03/19/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 09/11/2018 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 03/26/2019 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 09/04/2019 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 03/26/2020 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 09/15/2020 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 03/02/2021 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 09/07/2021 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 03/24/2022 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 08/31/2022 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 03/02/2023 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 09/12/2023 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 03/04/2024 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 09/23/2024 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 03/12/2025 | ND | 20.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/24/2014 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 12/05/2014 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/11/2015 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 06/16/2015 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 09/16/2015 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/22/2016 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 09/15/2016 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/23/2017 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 09/08/2017 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/19/2018 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 09/11/2018 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/26/2019 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 09/04/2019 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/26/2020 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 09/15/2020 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/02/2021 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 09/07/2021 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/24/2022 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 08/31/2022 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/02/2023 | ND | 2.0000  |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent      | Units | Well  | Date       |    | Result   | Adjusted |  |
|------------------|-------|-------|------------|----|----------|----------|--|
| Antimony, total  | ug/L  | MW-78 | 09/12/2023 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-78 | 03/04/2024 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-78 | 09/23/2024 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-78 | 03/12/2025 | ND | 2.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/24/2014 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 12/05/2014 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/11/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 06/16/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/16/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/22/2016 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/15/2016 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/23/2017 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/08/2017 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/19/2018 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/11/2018 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/26/2019 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/04/2019 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/26/2020 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/15/2020 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/02/2021 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/07/2021 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/24/2022 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 08/31/2022 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/02/2023 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/12/2023 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/04/2024 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/23/2024 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/12/2025 | ND | 4.0000   |          |  |
| Barium, total    | ug/L  | MW-78 | 09/24/2014 |    | 304.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 12/05/2014 |    | 291.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/11/2015 |    | 304.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 06/16/2015 |    | 329.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/16/2015 |    | 298.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/22/2016 |    | 309.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/15/2016 |    | 311.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/23/2017 |    | 307.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/08/2017 |    | 357.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/19/2018 |    | 320.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/11/2018 |    | 295.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/26/2019 |    | 285.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/04/2019 |    | 332.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/26/2020 |    | 304.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/15/2020 |    | 319.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/02/2021 |    | 304.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/07/2021 |    | 332.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/24/2022 |    | 291.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 08/31/2022 |    | 340.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/02/2023 |    | 345.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/12/2023 |    | 309.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/04/2024 |    | 341.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/23/2024 |    | 284.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/12/2025 |    | 283.0000 |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/24/2014 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 12/05/2014 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/11/2015 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 06/16/2015 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/16/2015 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/22/2016 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/15/2016 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/23/2017 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/08/2017 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/19/2018 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/11/2018 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/26/2019 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/04/2019 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/26/2020 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/15/2020 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/02/2021 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/07/2021 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/24/2022 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 08/31/2022 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/02/2023 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/12/2023 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/04/2024 | ND | 4.0000   |          |  |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent      | Units | Well  | Date       |    | Result | Adjusted |    |
|------------------|-------|-------|------------|----|--------|----------|----|
| Beryllium, total | ug/L  | MW-78 | 09/23/2024 | ND | 4.0000 |          |    |
| Beryllium, total | ug/L  | MW-78 | 03/12/2025 | ND | 4.0000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/24/2014 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 12/05/2014 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/11/2015 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 06/16/2015 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/16/2015 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/22/2016 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/15/2016 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/23/2017 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/08/2017 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/19/2018 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/11/2018 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/26/2019 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/04/2019 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/26/2020 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/15/2020 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/02/2021 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/07/2021 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/24/2022 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 08/31/2022 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/02/2023 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/12/2023 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/04/2024 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/23/2024 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/12/2025 | ND | 0.8000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/24/2014 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 12/05/2014 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/11/2015 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 06/16/2015 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/16/2015 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/22/2016 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/15/2016 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/23/2017 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/08/2017 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/19/2018 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/11/2018 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/26/2019 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/04/2019 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/26/2020 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/15/2020 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/02/2021 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/07/2021 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/24/2022 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 08/31/2022 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/02/2023 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/12/2023 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/04/2024 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/23/2024 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/12/2025 | ND | 8.0000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/24/2014 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 12/05/2014 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 03/11/2015 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 06/16/2015 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/16/2015 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 03/22/2016 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/15/2016 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 03/23/2017 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/08/2017 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 03/19/2018 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/11/2018 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 03/26/2019 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/04/2019 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 03/26/2020 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/15/2020 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 03/02/2021 |    | 1.0000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/07/2021 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 03/24/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 08/31/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 03/02/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 09/12/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 03/04/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 09/23/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 03/12/2025 | ND | 0.4000 | 0.8000   | ** |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well  | Date       |    | Result | Adjusted |  |
|-----------------|-------|-------|------------|----|--------|----------|--|
| Copper, total   | ug/L  | MW-78 | 09/24/2014 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 12/05/2014 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/11/2015 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 06/16/2015 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/16/2015 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/22/2016 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/15/2016 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/23/2017 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/08/2017 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/19/2018 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/11/2018 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/26/2019 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/04/2019 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/26/2020 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/15/2020 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/02/2021 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/07/2021 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/24/2022 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 08/31/2022 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/02/2023 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/12/2023 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/04/2024 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/23/2024 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/12/2025 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/24/2014 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 12/05/2014 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/11/2015 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 06/16/2015 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/16/2015 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/22/2016 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/15/2016 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/23/2017 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/08/2017 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/19/2018 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/11/2018 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/26/2019 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/04/2019 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/26/2020 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/15/2020 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/02/2021 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/07/2021 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/24/2022 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 08/31/2022 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/02/2023 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/12/2023 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/04/2024 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/23/2024 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/12/2025 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/24/2014 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 12/05/2014 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/11/2015 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 06/16/2015 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/16/2015 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/22/2016 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/15/2016 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/23/2017 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/08/2017 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/19/2018 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/11/2018 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/26/2019 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/04/2019 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/26/2020 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/15/2020 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/02/2021 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/07/2021 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/24/2022 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 08/31/2022 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/02/2023 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/12/2023 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/04/2024 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/23/2024 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/12/2025 | ND | 4.0000 |          |  |
| Selenium, total | ug/L  | MW-78 | 09/24/2014 |    | 5.4000 |          |  |
| Selenium, total | ug/L  | MW-78 | 12/05/2014 |    | 5.6000 |          |  |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well  | Date       |    | Result  | Adjusted |    |
|-----------------|-------|-------|------------|----|---------|----------|----|
| Selenium, total | ug/L  | MW-78 | 03/11/2015 |    | 6.5000  |          |    |
| Selenium, total | ug/L  | MW-78 | 06/16/2015 |    | 8.6000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/16/2015 |    | 8.1000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/22/2016 |    | 8.9000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/15/2016 |    | 9.4000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/23/2017 |    | 10.6000 |          |    |
| Selenium, total | ug/L  | MW-78 | 09/08/2017 |    | 6.9000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/19/2018 |    | 8.3000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/11/2018 |    | 5.6000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/26/2019 |    | 9.5000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/04/2019 |    | 6.8000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/26/2020 |    | 5.4000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/15/2020 |    | 8.5000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/02/2021 |    | 9.4000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/07/2021 |    | 4.9000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/24/2022 |    | 6.3000  |          |    |
| Selenium, total | ug/L  | MW-78 | 08/31/2022 |    | 6.2000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/02/2023 |    | 7.9000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/12/2023 |    | 5.8000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/04/2024 |    | 5.7000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/23/2024 |    | 4.1000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/12/2025 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/24/2014 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 12/05/2014 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/11/2015 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 06/16/2015 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/16/2015 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/22/2016 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/15/2016 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/23/2017 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/08/2017 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/19/2018 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/11/2018 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/26/2019 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/04/2019 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/26/2020 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/15/2020 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/02/2021 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/07/2021 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/24/2022 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 08/31/2022 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/02/2023 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/12/2023 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/04/2024 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/23/2024 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/12/2025 | ND | 4.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 09/24/2014 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 12/05/2014 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 03/11/2015 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 06/16/2015 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 09/16/2015 | ND | 1.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 03/22/2016 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 09/15/2016 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 03/23/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 09/08/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 03/19/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 09/11/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 03/26/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 09/04/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 03/26/2020 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 09/15/2020 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 03/02/2021 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 09/07/2021 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 03/24/2022 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 08/31/2022 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 03/02/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 09/12/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 03/04/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 09/23/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 03/12/2025 | ND | 2.0000  |          |    |
| Vanadium, total | ug/L  | MW-78 | 09/24/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78 | 12/05/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78 | 03/11/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78 | 06/16/2015 | ND | 20.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent      | Units | Well   | Date       |    | Result   | Adjusted |    |
|------------------|-------|--------|------------|----|----------|----------|----|
| Vanadium, total  | ug/L  | MW-78  | 09/16/2015 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/22/2016 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/15/2016 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/23/2017 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/08/2017 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/19/2018 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/11/2018 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/26/2019 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/04/2019 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/26/2020 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/15/2020 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/02/2021 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/07/2021 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/24/2022 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 08/31/2022 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/02/2023 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/12/2023 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/04/2024 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/23/2024 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/12/2025 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 09/24/2014 |    | 10.7000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 12/05/2014 | ND | 8.0000   | 20.0000  | ** |
| Zinc, total      | ug/L  | MW-78  | 03/11/2015 | ND | 8.0000   | 20.0000  | ** |
| Zinc, total      | ug/L  | MW-78  | 06/16/2015 |    | 8.4000   |          |    |
| Zinc, total      | ug/L  | MW-78  | 09/16/2015 | ND | 8.0000   | 20.0000  | ** |
| Zinc, total      | ug/L  | MW-78  | 03/22/2016 | ND | 8.0000   | 20.0000  | ** |
| Zinc, total      | ug/L  | MW-78  | 09/15/2016 | ND | 8.0000   | 20.0000  | ** |
| Zinc, total      | ug/L  | MW-78  | 03/23/2017 | ND | 8.0000   | 20.0000  | ** |
| Zinc, total      | ug/L  | MW-78  | 09/08/2017 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/19/2018 | ND | 8.0000   | 20.0000  | ** |
| Zinc, total      | ug/L  | MW-78  | 09/11/2018 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/26/2019 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 09/04/2019 |    | 17.6000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/26/2020 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 09/15/2020 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/02/2021 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 09/07/2021 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/24/2022 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 08/31/2022 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/02/2023 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 09/12/2023 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/04/2024 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 09/23/2024 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/12/2025 | ND | 20.0000  |          |    |
| Antimony, total  | ug/L  | SW-101 | 09/14/2016 | ND | 2.0000   |          |    |
| Antimony, total  | ug/L  | SW-101 | 03/23/2017 | ND | 2.0000   |          |    |
| Antimony, total  | ug/L  | SW-101 | 09/08/2017 | ND | 2.0000   |          |    |
| Antimony, total  | ug/L  | SW-101 | 03/19/2018 | ND | 2.0000   |          |    |
| Antimony, total  | ug/L  | SW-101 | 09/11/2018 | ND | 2.0000   |          |    |
| Antimony, total  | ug/L  | SW-101 | 03/26/2019 | ND | 2.0000   |          |    |
| Antimony, total  | ug/L  | SW-101 | 09/04/2019 | ND | 2.0000   |          |    |
| Arsenic, total   | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000   |          |    |
| Arsenic, total   | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000   |          |    |
| Arsenic, total   | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000   |          |    |
| Arsenic, total   | ug/L  | SW-101 | 03/19/2018 |    | 4.4000   |          |    |
| Arsenic, total   | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000   |          |    |
| Arsenic, total   | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000   |          |    |
| Arsenic, total   | ug/L  | SW-101 | 09/04/2019 |    | 7.3000   |          |    |
| Barium, total    | ug/L  | SW-101 | 09/14/2016 |    | 188.0000 |          |    |
| Barium, total    | ug/L  | SW-101 | 03/23/2017 |    | 233.0000 |          |    |
| Barium, total    | ug/L  | SW-101 | 09/08/2017 |    | 272.0000 |          |    |
| Barium, total    | ug/L  | SW-101 | 03/19/2018 |    | 162.0000 |          |    |
| Barium, total    | ug/L  | SW-101 | 09/11/2018 |    | 127.0000 |          |    |
| Barium, total    | ug/L  | SW-101 | 03/26/2019 |    | 160.0000 |          |    |
| Barium, total    | ug/L  | SW-101 | 09/04/2019 |    | 256.0000 |          |    |
| Beryllium, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000   |          |    |
| Beryllium, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000   |          |    |
| Beryllium, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000   |          |    |
| Beryllium, total | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000   |          |    |
| Beryllium, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000   |          |    |
| Beryllium, total | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000   |          |    |
| Beryllium, total | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000   |          |    |
| Cadmium, total   | ug/L  | SW-101 | 09/14/2016 | ND | 0.8000   |          |    |
| Cadmium, total   | ug/L  | SW-101 | 03/23/2017 | ND | 0.8000   |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result  | Adjusted |    |
|-----------------|-------|--------|------------|----|---------|----------|----|
| Cadmium, total  | ug/L  | SW-101 | 09/08/2017 | ND | 0.8000  |          |    |
| Cadmium, total  | ug/L  | SW-101 | 03/19/2018 | ND | 0.8000  |          |    |
| Cadmium, total  | ug/L  | SW-101 | 09/11/2018 | ND | 0.8000  |          |    |
| Cadmium, total  | ug/L  | SW-101 | 03/26/2019 | ND | 0.8000  |          |    |
| Cadmium, total  | ug/L  | SW-101 | 09/04/2019 | ND | 0.8000  |          |    |
| Chromium, total | ug/L  | SW-101 | 09/14/2016 | ND | 8.0000  |          |    |
| Chromium, total | ug/L  | SW-101 | 03/23/2017 | ND | 8.0000  |          |    |
| Chromium, total | ug/L  | SW-101 | 09/08/2017 | ND | 8.0000  |          |    |
| Chromium, total | ug/L  | SW-101 | 03/19/2018 | ND | 8.0000  |          |    |
| Chromium, total | ug/L  | SW-101 | 09/11/2018 | ND | 8.0000  |          |    |
| Chromium, total | ug/L  | SW-101 | 03/26/2019 | ND | 8.0000  |          |    |
| Chromium, total | ug/L  | SW-101 | 09/04/2019 | ND | 8.0000  |          |    |
| Cobalt, total   | ug/L  | SW-101 | 09/14/2016 |    | 4.5000  |          |    |
| Cobalt, total   | ug/L  | SW-101 | 03/23/2017 |    | 4.2000  |          |    |
| Cobalt, total   | ug/L  | SW-101 | 09/08/2017 |    | 6.9000  |          |    |
| Cobalt, total   | ug/L  | SW-101 | 03/19/2018 |    | 2.3000  |          |    |
| Cobalt, total   | ug/L  | SW-101 | 09/11/2018 |    | 1.9000  |          |    |
| Cobalt, total   | ug/L  | SW-101 | 03/26/2019 |    | 1.8000  |          |    |
| Cobalt, total   | ug/L  | SW-101 | 09/04/2019 |    | 5.9000  |          |    |
| Copper, total   | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000  |          |    |
| Copper, total   | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000  |          |    |
| Copper, total   | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000  |          |    |
| Copper, total   | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  |          |    |
| Copper, total   | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000  |          |    |
| Copper, total   | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000  |          |    |
| Copper, total   | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000  |          |    |
| Lead, total     | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000  |          |    |
| Lead, total     | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000  |          |    |
| Lead, total     | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000  |          |    |
| Lead, total     | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  |          |    |
| Lead, total     | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000  |          |    |
| Lead, total     | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000  |          |    |
| Lead, total     | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 09/14/2016 |    | 8.7000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 03/23/2017 |    | 5.4000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 09/08/2017 |    | 8.6000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 03/26/2019 |    | 4.2000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 09/04/2019 |    | 7.5000  |          |    |
| Selenium, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | SW-101 | 09/11/2018 | ND | 8.0000  | 4.0000   | ** |
| Silver, total   | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000  |          |    |
| Thallium, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 03/26/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | SW-101 | 09/04/2019 | ND | 2.0000  |          |    |
| Vanadium, total | ug/L  | SW-101 | 09/14/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 03/23/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 09/08/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 03/19/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 09/11/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 03/26/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 09/04/2019 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | SW-101 | 09/14/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | SW-101 | 03/23/2017 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | SW-101 | 09/08/2017 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | SW-101 | 03/19/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | SW-101 | 09/11/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | SW-101 | 03/26/2019 | ND | 20.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent | Units | Well   | Date       |    | Result | Adjusted |    |
|-------------|-------|--------|------------|----|--------|----------|----|
| Zinc, total | ug/L  | SW-101 | 09/04/2019 | ND | 8.0000 | 20.0000  | ** |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.



Table 2

## Most Current Downgradient Monitoring Data

| Constituent      | Units | Well  | Date       |    | Result  |     | Pred. Limit |
|------------------|-------|-------|------------|----|---------|-----|-------------|
| Antimony, total  | ug/L  | MW-36 | 03/12/2025 | ND | 2.0000  |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-36 | 03/12/2025 | ND | 4.0000  |     | 7.3000      |
| Barium, total    | ug/L  | MW-36 | 03/12/2025 |    | 76.3000 |     | 357.0000    |
| Beryllium, total | ug/L  | MW-36 | 03/12/2025 | ND | 4.0000  |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-36 | 03/12/2025 | ND | 0.8000  |     | 0.8000      |
| Chromium, total  | ug/L  | MW-36 | 03/12/2025 | ND | 8.0000  |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-36 | 03/12/2025 | ND | 0.4000  |     | 6.9000      |
| Copper, total    | ug/L  | MW-36 | 03/12/2025 | ND | 4.0000  |     | 4.0000      |
| Lead, total      | ug/L  | MW-36 | 03/12/2025 | ND | 4.0000  |     | 4.0000      |
| Nickel, total    | ug/L  | MW-36 | 03/12/2025 | ND | 4.0000  |     | 8.7000      |
| Selenium, total  | ug/L  | MW-36 | 03/12/2025 | ND | 4.0000  |     | 10.6000     |
| Silver, total    | ug/L  | MW-36 | 03/12/2025 | ND | 4.0000  |     | 6.4000      |
| Thallium, total  | ug/L  | MW-36 | 03/12/2025 | ND | 2.0000  |     | 2.4000      |
| Vanadium, total  | ug/L  | MW-36 | 03/12/2025 | ND | 20.0000 |     | 20.0000     |
| Zinc, total      | ug/L  | MW-36 | 03/12/2025 | ND | 20.0000 |     | 32.3000     |
| Antimony, total  | ug/L  | MW-41 | 03/12/2025 | ND | 2.0000  |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-41 | 03/12/2025 | ND | 4.0000  |     | 7.3000      |
| Barium, total    | ug/L  | MW-41 | 03/12/2025 |    | 73.1000 |     | 357.0000    |
| Beryllium, total | ug/L  | MW-41 | 03/12/2025 | ND | 4.0000  |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-41 | 03/12/2025 | ND | 0.8000  |     | 0.8000      |
| Chromium, total  | ug/L  | MW-41 | 03/12/2025 | ND | 8.0000  |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-41 | 03/12/2025 | ND | 0.4000  |     | 6.9000      |
| Copper, total    | ug/L  | MW-41 | 03/12/2025 | ND | 4.0000  |     | 4.0000      |
| Lead, total      | ug/L  | MW-41 | 03/12/2025 | ND | 4.0000  |     | 4.0000      |
| Nickel, total    | ug/L  | MW-41 | 03/12/2025 | ND | 4.0000  |     | 8.7000      |
| Selenium, total  | ug/L  | MW-41 | 03/12/2025 | ND | 4.0000  |     | 10.6000     |
| Silver, total    | ug/L  | MW-41 | 03/12/2025 | ND | 4.0000  |     | 6.4000      |
| Thallium, total  | ug/L  | MW-41 | 03/12/2025 | ND | 2.0000  |     | 2.4000      |
| Vanadium, total  | ug/L  | MW-41 | 03/12/2025 | ND | 20.0000 |     | 20.0000     |
| Zinc, total      | ug/L  | MW-41 | 03/12/2025 | ND | 20.0000 |     | 32.3000     |
| Antimony, total  | ug/L  | MW-42 | 03/12/2025 | ND | 2.0000  |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-42 | 03/12/2025 | ND | 4.0000  |     | 7.3000      |
| Barium, total    | ug/L  | MW-42 | 03/12/2025 |    | 18.1000 |     | 357.0000    |
| Beryllium, total | ug/L  | MW-42 | 03/12/2025 | ND | 4.0000  |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-42 | 03/12/2025 | ND | 0.8000  |     | 0.8000      |
| Chromium, total  | ug/L  | MW-42 | 03/12/2025 | ND | 8.0000  |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-42 | 03/12/2025 | ND | 0.4000  |     | 6.9000      |
| Copper, total    | ug/L  | MW-42 | 03/12/2025 | ND | 4.0000  |     | 4.0000      |
| Lead, total      | ug/L  | MW-42 | 03/12/2025 | ND | 4.0000  |     | 4.0000      |
| Nickel, total    | ug/L  | MW-42 | 03/12/2025 | ND | 4.0000  |     | 8.7000      |
| Selenium, total  | ug/L  | MW-42 | 03/12/2025 | ND | 4.0000  |     | 10.6000     |
| Silver, total    | ug/L  | MW-42 | 03/12/2025 | ND | 4.0000  |     | 6.4000      |
| Thallium, total  | ug/L  | MW-42 | 03/12/2025 | ND | 2.0000  |     | 2.4000      |
| Vanadium, total  | ug/L  | MW-42 | 03/12/2025 | ND | 20.0000 |     | 20.0000     |
| Zinc, total      | ug/L  | MW-42 | 03/12/2025 | ND | 20.0000 |     | 32.3000     |
| Antimony, total  | ug/L  | MW-58 | 03/12/2025 | ND | 2.0000  |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-58 | 03/12/2025 | ND | 4.0000  |     | 7.3000      |
| Barium, total    | ug/L  | MW-58 | 03/12/2025 |    | 21.4000 |     | 357.0000    |
| Beryllium, total | ug/L  | MW-58 | 03/12/2025 | ND | 4.0000  |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-58 | 03/12/2025 | ND | 0.8000  |     | 0.8000      |
| Chromium, total  | ug/L  | MW-58 | 03/12/2025 | ND | 8.0000  |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-58 | 03/12/2025 | ND | 0.4000  |     | 6.9000      |
| Copper, total    | ug/L  | MW-58 | 03/12/2025 | ND | 4.0000  |     | 4.0000      |
| Lead, total      | ug/L  | MW-58 | 03/12/2025 | ND | 4.0000  |     | 4.0000      |
| Nickel, total    | ug/L  | MW-58 | 03/12/2025 |    | 14.2000 | *** | 8.7000      |
| Selenium, total  | ug/L  | MW-58 | 03/12/2025 | ND | 4.0000  |     | 10.6000     |
| Silver, total    | ug/L  | MW-58 | 03/12/2025 | ND | 4.0000  |     | 6.4000      |
| Thallium, total  | ug/L  | MW-58 | 03/12/2025 | ND | 2.0000  |     | 2.4000      |
| Vanadium, total  | ug/L  | MW-58 | 03/12/2025 | ND | 20.0000 |     | 20.0000     |
| Zinc, total      | ug/L  | MW-58 | 03/12/2025 | ND | 20.0000 |     | 32.3000     |
| Antimony, total  | ug/L  | MW-59 | 03/12/2025 | ND | 2.0000  |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-59 | 03/12/2025 | ND | 4.0000  |     | 7.3000      |
| Barium, total    | ug/L  | MW-59 | 03/12/2025 |    | 24.8000 |     | 357.0000    |
| Beryllium, total | ug/L  | MW-59 | 03/12/2025 | ND | 4.0000  |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-59 | 03/12/2025 | ND | 0.8000  |     | 0.8000      |
| Chromium, total  | ug/L  | MW-59 | 03/12/2025 | ND | 8.0000  |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-59 | 03/12/2025 | ND | 0.4000  |     | 6.9000      |
| Copper, total    | ug/L  | MW-59 | 03/12/2025 |    | 6.7000  | *   | 4.0000      |
| Lead, total      | ug/L  | MW-59 | 03/12/2025 | ND | 4.0000  |     | 4.0000      |
| Nickel, total    | ug/L  | MW-59 | 03/12/2025 | ND | 4.0000  |     | 8.7000      |
| Selenium, total  | ug/L  | MW-59 | 03/12/2025 | ND | 4.0000  |     | 10.6000     |
| Silver, total    | ug/L  | MW-59 | 03/12/2025 | ND | 4.0000  |     | 6.4000      |

\* - Current value failed - awaiting verification.

\*\* - Current value passed - previous exceedance not verified.

\*\*\* - Current value failed - exceedance verified.

\*\*\*\* - Current value passed - awaiting one more verification.

\*\*\*\*\* - Insufficient background data to compute prediction limit.

ND = Not Detected, Result = detection limit.

Table 2

## Most Current Downgradient Monitoring Data

| Constituent      | Units | Well   | Date       |    | Result   |     | Pred. Limit |
|------------------|-------|--------|------------|----|----------|-----|-------------|
| Thallium, total  | ug/L  | MW-59  | 03/12/2025 | ND | 2.0000   |     | 2.4000      |
| Vanadium, total  | ug/L  | MW-59  | 03/12/2025 | ND | 20.0000  |     | 20.0000     |
| Zinc, total      | ug/L  | MW-59  | 03/12/2025 | ND | 20.0000  |     | 32.3000     |
| Antimony, total  | ug/L  | MW-60  | 03/12/2025 | ND | 2.0000   |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-60  | 03/12/2025 | ND | 4.0000   |     | 7.3000      |
| Barium, total    | ug/L  | MW-60  | 03/12/2025 |    | 146.0000 |     | 357.0000    |
| Beryllium, total | ug/L  | MW-60  | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-60  | 03/12/2025 | ND | 0.8000   |     | 0.8000      |
| Chromium, total  | ug/L  | MW-60  | 03/12/2025 | ND | 8.0000   |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-60  | 03/12/2025 | ND | 0.4000   |     | 6.9000      |
| Copper, total    | ug/L  | MW-60  | 03/12/2025 |    | 4.5000   | *   | 4.0000      |
| Lead, total      | ug/L  | MW-60  | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Nickel, total    | ug/L  | MW-60  | 03/12/2025 |    | 5.3000   | **  | 8.7000      |
| Selenium, total  | ug/L  | MW-60  | 03/12/2025 | ND | 4.0000   |     | 10.6000     |
| Silver, total    | ug/L  | MW-60  | 03/12/2025 | ND | 4.0000   |     | 6.4000      |
| Thallium, total  | ug/L  | MW-60  | 03/12/2025 | ND | 2.0000   |     | 2.4000      |
| Vanadium, total  | ug/L  | MW-60  | 03/12/2025 | ND | 20.0000  |     | 20.0000     |
| Zinc, total      | ug/L  | MW-60  | 03/12/2025 | ND | 20.0000  |     | 32.3000     |
| Antimony, total  | ug/L  | MW-61  | 03/12/2025 | ND | 2.0000   |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-61  | 03/12/2025 | ND | 4.0000   |     | 7.3000      |
| Barium, total    | ug/L  | MW-61  | 03/12/2025 |    | 196.0000 |     | 357.0000    |
| Beryllium, total | ug/L  | MW-61  | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-61  | 03/12/2025 | ND | 0.8000   |     | 0.8000      |
| Chromium, total  | ug/L  | MW-61  | 03/12/2025 | ND | 8.0000   |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-61  | 03/12/2025 | ND | 0.4000   |     | 6.9000      |
| Copper, total    | ug/L  | MW-61  | 03/12/2025 | ND | 4.0000   | **  | 4.0000      |
| Lead, total      | ug/L  | MW-61  | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Nickel, total    | ug/L  | MW-61  | 03/12/2025 | ND | 4.0000   |     | 8.7000      |
| Selenium, total  | ug/L  | MW-61  | 03/12/2025 | ND | 4.0000   |     | 10.6000     |
| Silver, total    | ug/L  | MW-61  | 03/12/2025 | ND | 4.0000   |     | 6.4000      |
| Thallium, total  | ug/L  | MW-61  | 03/12/2025 | ND | 2.0000   |     | 2.4000      |
| Vanadium, total  | ug/L  | MW-61  | 03/12/2025 | ND | 20.0000  |     | 20.0000     |
| Zinc, total      | ug/L  | MW-61  | 03/12/2025 | ND | 20.0000  |     | 32.3000     |
| Antimony, total  | ug/L  | MW-62R | 03/12/2025 | ND | 2.0000   |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-62R | 03/12/2025 | ND | 4.0000   |     | 7.3000      |
| Barium, total    | ug/L  | MW-62R | 03/12/2025 |    | 946.0000 | *** | 357.0000    |
| Beryllium, total | ug/L  | MW-62R | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-62R | 03/12/2025 | ND | 0.8000   |     | 0.8000      |
| Chromium, total  | ug/L  | MW-62R | 03/12/2025 | ND | 8.0000   |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-62R | 03/12/2025 | ND | 0.4000   |     | 6.9000      |
| Copper, total    | ug/L  | MW-62R | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Lead, total      | ug/L  | MW-62R | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Nickel, total    | ug/L  | MW-62R | 03/12/2025 | ND | 4.0000   |     | 8.7000      |
| Selenium, total  | ug/L  | MW-62R | 03/12/2025 | ND | 4.0000   |     | 10.6000     |
| Silver, total    | ug/L  | MW-62R | 03/12/2025 | ND | 4.0000   |     | 6.4000      |
| Thallium, total  | ug/L  | MW-62R | 03/12/2025 | ND | 2.0000   |     | 2.4000      |
| Vanadium, total  | ug/L  | MW-62R | 03/12/2025 | ND | 20.0000  |     | 20.0000     |
| Zinc, total      | ug/L  | MW-62R | 03/12/2025 | ND | 20.0000  |     | 32.3000     |
| Antimony, total  | ug/L  | MW-79  | 03/12/2025 | ND | 2.0000   |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-79  | 03/12/2025 | ND | 4.0000   |     | 7.3000      |
| Barium, total    | ug/L  | MW-79  | 03/12/2025 |    | 54.9000  |     | 357.0000    |
| Beryllium, total | ug/L  | MW-79  | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-79  | 03/12/2025 | ND | 0.8000   |     | 0.8000      |
| Chromium, total  | ug/L  | MW-79  | 03/12/2025 | ND | 8.0000   |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-79  | 03/12/2025 | ND | 0.4000   |     | 6.9000      |
| Copper, total    | ug/L  | MW-79  | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Lead, total      | ug/L  | MW-79  | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Nickel, total    | ug/L  | MW-79  | 03/12/2025 | ND | 4.0000   |     | 8.7000      |
| Selenium, total  | ug/L  | MW-79  | 03/12/2025 | ND | 4.0000   |     | 10.6000     |
| Silver, total    | ug/L  | MW-79  | 03/12/2025 | ND | 4.0000   |     | 6.4000      |
| Thallium, total  | ug/L  | MW-79  | 03/12/2025 | ND | 2.0000   |     | 2.4000      |
| Vanadium, total  | ug/L  | MW-79  | 03/12/2025 | ND | 20.0000  |     | 20.0000     |
| Zinc, total      | ug/L  | MW-79  | 03/12/2025 | ND | 20.0000  |     | 32.3000     |
| Antimony, total  | ug/L  | MW-80  | 03/12/2025 | ND | 2.0000   |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-80  | 03/12/2025 |    | 4.6000   |     | 7.3000      |
| Barium, total    | ug/L  | MW-80  | 03/12/2025 |    | 127.0000 |     | 357.0000    |
| Beryllium, total | ug/L  | MW-80  | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-80  | 03/12/2025 | ND | 0.8000   |     | 0.8000      |
| Chromium, total  | ug/L  | MW-80  | 03/12/2025 | ND | 8.0000   |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-80  | 03/12/2025 |    | 1.8000   |     | 6.9000      |
| Copper, total    | ug/L  | MW-80  | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Lead, total      | ug/L  | MW-80  | 03/12/2025 | ND | 4.0000   |     | 4.0000      |

\* - Current value failed - awaiting verification.

\*\* - Current value passed - previous exceedance not verified.

\*\*\* - Current value failed - exceedance verified.

\*\*\*\* - Current value passed - awaiting one more verification.

\*\*\*\*\* - Insufficient background data to compute prediction limit.

ND = Not Detected, Result = detection limit.

Table 2

## Most Current Downgradient Monitoring Data

| Constituent      | Units | Well    | Date       |    | Result   |  | Pred. Limit |
|------------------|-------|---------|------------|----|----------|--|-------------|
| Nickel, total    | ug/L  | MW-80   | 03/12/2025 | ND | 4.0000   |  | 8.7000      |
| Selenium, total  | ug/L  | MW-80   | 03/12/2025 | ND | 4.0000   |  | 10.6000     |
| Silver, total    | ug/L  | MW-80   | 03/12/2025 | ND | 4.0000   |  | 6.4000      |
| Thallium, total  | ug/L  | MW-80   | 03/12/2025 | ND | 2.0000   |  | 2.4000      |
| Vanadium, total  | ug/L  | MW-80   | 03/12/2025 | ND | 20.0000  |  | 20.0000     |
| Zinc, total      | ug/L  | MW-80   | 03/12/2025 | ND | 20.0000  |  | 32.3000     |
| Antimony, total  | ug/L  | SW-101R | 03/12/2025 | ND | 2.0000   |  | 2.0000      |
| Arsenic, total   | ug/L  | SW-101R | 03/12/2025 | ND | 4.0000   |  | 7.3000      |
| Barium, total    | ug/L  | SW-101R | 03/12/2025 |    | 224.0000 |  | 357.0000    |
| Beryllium, total | ug/L  | SW-101R | 03/12/2025 | ND | 4.0000   |  | 4.0000      |
| Cadmium, total   | ug/L  | SW-101R | 03/12/2025 | ND | 0.8000   |  | 0.8000      |
| Chromium, total  | ug/L  | SW-101R | 03/12/2025 | ND | 8.0000   |  | 8.0000      |
| Cobalt, total    | ug/L  | SW-101R | 03/12/2025 |    | 1.4000   |  | 6.9000      |
| Copper, total    | ug/L  | SW-101R | 03/12/2025 |    | 5.7000 * |  | 4.0000      |
| Lead, total      | ug/L  | SW-101R | 03/12/2025 | ND | 4.0000   |  | 4.0000      |
| Nickel, total    | ug/L  | SW-101R | 03/12/2025 | ND | 4.0000   |  | 8.7000      |
| Selenium, total  | ug/L  | SW-101R | 03/12/2025 | ND | 4.0000   |  | 10.6000     |
| Silver, total    | ug/L  | SW-101R | 03/12/2025 | ND | 4.0000   |  | 6.4000      |
| Thallium, total  | ug/L  | SW-101R | 03/12/2025 | ND | 2.0000   |  | 2.4000      |
| Vanadium, total  | ug/L  | SW-101R | 03/12/2025 | ND | 20.0000  |  | 20.0000     |
| Zinc, total      | ug/L  | SW-101R | 03/12/2025 | ND | 20.0000  |  | 32.3000     |
| Antimony, total  | ug/L  | SW-102  | 03/12/2025 | ND | 2.0000   |  | 2.0000      |
| Arsenic, total   | ug/L  | SW-102  | 03/12/2025 | ND | 4.0000   |  | 7.3000      |
| Barium, total    | ug/L  | SW-102  | 03/12/2025 |    | 152.0000 |  | 357.0000    |
| Beryllium, total | ug/L  | SW-102  | 03/12/2025 | ND | 4.0000   |  | 4.0000      |
| Cadmium, total   | ug/L  | SW-102  | 03/12/2025 | ND | 0.8000   |  | 0.8000      |
| Chromium, total  | ug/L  | SW-102  | 03/12/2025 | ND | 8.0000   |  | 8.0000      |
| Cobalt, total    | ug/L  | SW-102  | 03/12/2025 | ND | 0.4000   |  | 6.9000      |
| Copper, total    | ug/L  | SW-102  | 03/12/2025 | ND | 4.0000   |  | 4.0000      |
| Lead, total      | ug/L  | SW-102  | 03/12/2025 | ND | 4.0000   |  | 4.0000      |
| Nickel, total    | ug/L  | SW-102  | 03/12/2025 | ND | 4.0000   |  | 8.7000      |
| Selenium, total  | ug/L  | SW-102  | 03/12/2025 | ND | 4.0000   |  | 10.6000     |
| Silver, total    | ug/L  | SW-102  | 03/12/2025 | ND | 4.0000   |  | 6.4000      |
| Thallium, total  | ug/L  | SW-102  | 03/12/2025 | ND | 2.0000   |  | 2.4000      |
| Vanadium, total  | ug/L  | SW-102  | 03/12/2025 | ND | 20.0000  |  | 20.0000     |
| Zinc, total      | ug/L  | SW-102  | 03/12/2025 | ND | 20.0000  |  | 32.3000     |
| Antimony, total  | ug/L  | SW-103  | 03/12/2025 | ND | 2.0000   |  | 2.0000      |
| Arsenic, total   | ug/L  | SW-103  | 03/12/2025 | ND | 4.0000   |  | 7.3000      |
| Barium, total    | ug/L  | SW-103  | 03/12/2025 |    | 150.0000 |  | 357.0000    |
| Beryllium, total | ug/L  | SW-103  | 03/12/2025 | ND | 4.0000   |  | 4.0000      |
| Cadmium, total   | ug/L  | SW-103  | 03/12/2025 | ND | 0.8000   |  | 0.8000      |
| Chromium, total  | ug/L  | SW-103  | 03/12/2025 | ND | 8.0000   |  | 8.0000      |
| Cobalt, total    | ug/L  | SW-103  | 03/12/2025 |    | 0.6000   |  | 6.9000      |
| Copper, total    | ug/L  | SW-103  | 03/12/2025 | ND | 4.0000   |  | 4.0000      |
| Lead, total      | ug/L  | SW-103  | 03/12/2025 | ND | 4.0000   |  | 4.0000      |
| Nickel, total    | ug/L  | SW-103  | 03/12/2025 | ND | 4.0000   |  | 8.7000      |
| Selenium, total  | ug/L  | SW-103  | 03/12/2025 | ND | 4.0000   |  | 10.6000     |
| Silver, total    | ug/L  | SW-103  | 03/12/2025 | ND | 4.0000   |  | 6.4000      |
| Thallium, total  | ug/L  | SW-103  | 03/12/2025 | ND | 2.0000   |  | 2.4000      |
| Vanadium, total  | ug/L  | SW-103  | 03/12/2025 | ND | 20.0000  |  | 20.0000     |
| Zinc, total      | ug/L  | SW-103  | 03/12/2025 | ND | 20.0000  |  | 32.3000     |

\* - Current value failed - awaiting verification.

\*\* - Current value passed - previous exceedance not verified.

\*\*\* - Current value failed - exceedance verified.

\*\*\*\* - Current value passed - awaiting one more verification.

\*\*\*\*\* - Insufficient background data to compute prediction limit.

ND = Not Detected, Result = detection limit.

Table 3

## Detection Frequencies in Upgradient and Downgradient Wells

| Constituent      | Detect | Upgradient<br>N | Proportion | Detect | Downgradient<br>N | Proportion |
|------------------|--------|-----------------|------------|--------|-------------------|------------|
| Antimony, total  | 0      | 79              | 0.000      | 2      | 342               | 0.006      |
| Arsenic, total   | 2      | 79              | 0.025      | 35     | 342               | 0.102      |
| Barium, total    | 79     | 79              | 1.000      | 341    | 341               | 1.000      |
| Beryllium, total | 0      | 79              | 0.000      | 3      | 341               | 0.009      |
| Cadmium, total   | 0      | 79              | 0.000      | 13     | 341               | 0.038      |
| Chromium, total  | 0      | 79              | 0.000      | 13     | 342               | 0.038      |
| Cobalt, total    | 12     | 79              | 0.152      | 115    | 346               | 0.332      |
| Copper, total    | 0      | 79              | 0.000      | 60     | 345               | 0.174      |
| Lead, total      | 0      | 79              | 0.000      | 20     | 341               | 0.059      |
| Nickel, total    | 5      | 79              | 0.063      | 179    | 346               | 0.517      |
| Selenium, total  | 23     | 79              | 0.291      | 23     | 341               | 0.067      |
| Silver, total    | 1      | 79              | 0.013      | 1      | 341               | 0.003      |
| Thallium, total  | 1      | 79              | 0.013      | 0      | 341               | 0.000      |
| Vanadium, total  | 0      | 79              | 0.000      | 11     | 342               | 0.032      |
| Zinc, total      | 5      | 79              | 0.063      | 79     | 343               | 0.230      |

N = Total number of measurements in all wells.

Detect = Total number of detections in all wells.

Proportion = Detect/N.

Table 4

## Shapiro-Wilk Multiple Group Test of Normality

| Constituent      | Detect | N  | Detect Freq | G raw | G log | G cbrt | G sqrt | G sqr | G cub | Crit Value | Dist Form | Model Type |
|------------------|--------|----|-------------|-------|-------|--------|--------|-------|-------|------------|-----------|------------|
| Antimony, total  | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Arsenic, total   | 2      | 79 | 0.025       |       |       |        |        |       |       |            |           | nonpar     |
| Barium, total    | 79     | 79 | 1.000       | 2.863 | 3.098 |        |        |       |       | 2.326      | non-norm  | nonpar     |
| Beryllium, total | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Cadmium, total   | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Chromium, total  | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Cobalt, total    | 12     | 79 | 0.152       | 0.421 | 0.600 |        |        |       |       | 2.326      | normal    | nonpar     |
| Copper, total    | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Lead, total      | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Nickel, total    | 5      | 79 | 0.063       | 0.460 | 0.593 |        |        |       |       | 2.326      | normal    | nonpar     |
| Selenium, total  | 23     | 79 | 0.291       | 0.468 | 0.181 |        |        |       |       | 2.326      | normal    | nonpar     |
| Silver, total    | 1      | 79 | 0.013       |       |       |        |        |       |       |            |           | nonpar     |
| Thallium, total  | 1      | 79 | 0.013       |       |       |        |        |       |       |            |           | nonpar     |
| Vanadium, total  | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Zinc, total      | 5      | 79 | 0.063       | 0.090 | 0.311 |        |        |       |       | 2.326      | normal    | nonpar     |

\* - Distribution override for that constituent.

Fit to distribution is confirmed if G <= critical value.

Model type may not match distributional form when detection frequency < 50%.

Table 5

## Summary Statistics and Prediction Limits

| Constituent      | Units | Detect | N  | Mean | SD | alpha | Factor | Pred Limit | Type   |     | Conf |
|------------------|-------|--------|----|------|----|-------|--------|------------|--------|-----|------|
| Antimony, total  | ug/L  | 0      | 79 |      |    |       |        | 2.0000     | nonpar | *** | 0.99 |
| Arsenic, total   | ug/L  | 2      | 79 |      |    |       |        | 7.3000     | nonpar |     | 0.99 |
| Barium, total    | ug/L  | 79     | 79 |      |    |       |        | 357.0000   | nonpar |     | 0.99 |
| Beryllium, total | ug/L  | 0      | 79 |      |    |       |        | 4.0000     | nonpar | *** | 0.99 |
| Cadmium, total   | ug/L  | 0      | 79 |      |    |       |        | 0.8000     | nonpar | *** | 0.99 |
| Chromium, total  | ug/L  | 0      | 79 |      |    |       |        | 8.0000     | nonpar | *** | 0.99 |
| Cobalt, total    | ug/L  | 12     | 79 |      |    |       |        | 6.9000     | nonpar |     | 0.99 |
| Copper, total    | ug/L  | 0      | 79 |      |    |       |        | 4.0000     | nonpar | *** | 0.99 |
| Lead, total      | ug/L  | 0      | 79 |      |    |       |        | 4.0000     | nonpar | *** | 0.99 |
| Nickel, total    | ug/L  | 5      | 79 |      |    |       |        | 8.7000     | nonpar |     | 0.99 |
| Selenium, total  | ug/L  | 23     | 79 |      |    |       |        | 10.6000    | nonpar |     | 0.99 |
| Silver, total    | ug/L  | 1      | 79 |      |    |       |        | 6.4000     | nonpar |     | 0.99 |
| Thallium, total  | ug/L  | 1      | 79 |      |    |       |        | 2.4000     | nonpar |     | 0.99 |
| Vanadium, total  | ug/L  | 0      | 79 |      |    |       |        | 20.0000    | nonpar | *** | 0.99 |
| Zinc, total      | ug/L  | 5      | 79 |      |    |       |        | 32.3000    | nonpar |     | 0.99 |

Conf = confidence level for passing initial test or one verification resample at all downgradient wells for a single constituent (nonparametric test only).

\* - Insufficient Data.

\*\* - Calculated limit raised to Manual Reporting Limit.

\*\*\* - Nonparametric limit based on ND value.

For transformed data, mean and SD in transformed units and prediction limit in original units.

All sample sizes and statistics are based on outlier free data.

For nonparametric limits, median reporting limits are substituted for extreme reporting limit values.

Table 6

**Dixon's Test Outliers  
1% Significance Level**

| Constituent | Units | Well | Date | Result | ND Qualifier | Date Range | N | Critical Value |
|-------------|-------|------|------|--------|--------------|------------|---|----------------|
|-------------|-------|------|------|--------|--------------|------------|---|----------------|

N = Total number of independent measurements in background at each well.

Date Range = Dates of the first and last measurements included in background at each well.

Critical Value depends on the significance level and on N-1 when the two most extreme values are tested or N for the most extreme value.

Table 8

**Historical Downgradient Data for Constituent-Well Combinations  
that Failed the Current Statistical Evaluation or  
are in Verification Resampling Mode**

| Constituent   | Units | Well  | Date       |    | Result  |   | Pred. Limit |
|---------------|-------|-------|------------|----|---------|---|-------------|
| Nickel, total | ug/L  | MW-58 | 09/27/2010 |    | 13.2000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/23/2011 |    | 67.5000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 09/08/2011 |    | 17.6000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/09/2012 |    | 31.4000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 09/25/2012 |    | 24.1000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/15/2013 |    | 12.4000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 09/25/2013 |    | 17.2000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/25/2014 |    | 12.8000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 09/24/2014 |    | 6.5000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/11/2015 |    | 8.7000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 09/17/2015 |    | 12.8000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/22/2016 |    | 21.2000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 09/15/2016 |    | 13.3000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/23/2017 |    | 23.8000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 09/08/2017 |    | 21.1000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/19/2018 |    | 25.5000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 09/11/2018 |    | 18.4000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 12/05/2018 |    | 18.4000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/26/2019 |    | 22.9000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 09/04/2019 |    | 4.3000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/26/2020 |    | 19.9000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 09/15/2020 |    | 17.7000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/02/2021 |    | 14.7000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 09/07/2021 |    | 16.3000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/24/2022 |    | 18.3000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 08/31/2022 |    | 14.7000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/02/2023 |    | 15.5000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 09/12/2023 |    | 13.9000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/04/2024 |    | 16.7000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 09/23/2024 |    | 12.6000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-58 | 03/12/2025 |    | 14.2000 | * | 8.7000      |
| Copper, total | ug/L  | MW-59 | 09/27/2010 |    | 5.4000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/23/2011 |    | 8.1000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 09/08/2011 |    | 27.8000 | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/09/2012 |    | 6.3000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 09/25/2012 |    | 4.9000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/15/2013 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-59 | 09/24/2013 |    | 6.3000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/25/2014 |    | 4.4000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 09/24/2014 |    | 4.4000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/11/2015 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-59 | 09/17/2015 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/22/2016 |    | 4.7000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 09/15/2016 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/23/2017 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-59 | 09/08/2017 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/19/2018 |    | 4.8000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 06/05/2018 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-59 | 09/11/2018 |    | 4.6000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 12/05/2018 |    | 4.1000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/26/2019 |    | 5.5000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 09/04/2019 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/26/2020 |    | 6.9000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 09/15/2020 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/02/2021 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-59 | 09/07/2021 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/24/2022 |    | 8.2000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 08/31/2022 |    | 6.0000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/02/2023 |    | 6.8000  | * | 4.0000      |
| Copper, total | ug/L  | MW-59 | 09/12/2023 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/04/2024 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-59 | 09/23/2024 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-59 | 03/12/2025 |    | 6.7000  | * | 4.0000      |
| Copper, total | ug/L  | MW-60 | 09/28/2010 |    | 4.4000  | * | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/23/2011 |    | 11.7000 | * | 4.0000      |
| Copper, total | ug/L  | MW-60 | 09/08/2011 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/09/2012 |    | 7.2000  | * | 4.0000      |
| Copper, total | ug/L  | MW-60 | 09/25/2012 |    | 6.5000  | * | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/15/2013 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60 | 09/24/2013 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/25/2014 |    | 4.4000  | * | 4.0000      |

\* - Significantly increased over background.

\*\* - Detect at limit for 100% NDs in background (NPPL only).

\*\*\* - Manual exclusion.

ND = Not Detected, Result = detection limit.



Table 8

**Historical Downgradient Data for Constituent-Well Combinations  
that Failed the Current Statistical Evaluation or  
are in Verification Resampling Mode**

| Constituent   | Units | Well  | Date       |    | Result    | Pred. Limit |
|---------------|-------|-------|------------|----|-----------|-------------|
| Copper, total | ug/L  | MW-60 | 09/24/2014 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/11/2015 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 09/17/2015 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/22/2016 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 09/15/2016 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/23/2017 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 09/08/2017 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/19/2018 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 09/11/2018 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/26/2019 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 09/04/2019 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/26/2020 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 09/15/2020 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/02/2021 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 09/07/2021 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/24/2022 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 08/31/2022 |    | 10.3000 * | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/02/2023 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 09/12/2023 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/04/2024 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 09/23/2024 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-60 | 03/12/2025 |    | 4.5000 *  | 4.0000      |
| Nickel, total | ug/L  | MW-60 | 09/28/2010 |    | 16.9000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/23/2011 |    | 19.7000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 09/08/2011 |    | 21.4000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/09/2012 |    | 24.4000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 09/25/2012 |    | 18.0000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/15/2013 |    | 6.8000    | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 09/24/2013 |    | 26.6000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/25/2014 |    | 14.6000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 09/24/2014 |    | 7.0000    | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/11/2015 | ND | 4.0000    | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 09/17/2015 |    | 13.6000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 12/17/2015 | ND | 4.0000    | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/22/2016 |    | 7.9000    | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 09/15/2016 |    | 17.3000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/23/2017 | ND | 4.0000    | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 09/08/2017 |    | 7.5000    | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/19/2018 | ND | 4.0000    | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 09/11/2018 | ND | 4.0000    | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/26/2019 |    | 15.2000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 09/04/2019 |    | 24.8000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/26/2020 |    | 19.4000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 09/15/2020 |    | 34.4000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/02/2021 |    | 22.0000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 09/07/2021 |    | 30.1000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/24/2022 |    | 18.2000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 08/31/2022 |    | 45.7000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/02/2023 |    | 11.5000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 09/12/2023 |    | 26.4000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/04/2024 | ND | 4.0000    | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 09/23/2024 |    | 29.2000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60 | 03/12/2025 |    | 5.3000    | 8.7000      |
| Copper, total | ug/L  | MW-61 | 09/28/2010 |    | 5.8000 *  | 4.0000      |
| Copper, total | ug/L  | MW-61 | 03/23/2011 | ND | 5.0000    | 4.0000      |
| Copper, total | ug/L  | MW-61 | 09/08/2011 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-61 | 03/09/2012 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-61 | 09/25/2012 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-61 | 03/15/2013 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-61 | 09/25/2013 |    | 10.5000 * | 4.0000      |
| Copper, total | ug/L  | MW-61 | 03/25/2014 |    | 4.2000 *  | 4.0000      |
| Copper, total | ug/L  | MW-61 | 09/24/2014 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-61 | 03/11/2015 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-61 | 09/17/2015 |    | 13.1000 * | 4.0000      |
| Copper, total | ug/L  | MW-61 | 12/17/2015 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-61 | 03/22/2016 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-61 | 09/15/2016 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-61 | 03/23/2017 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-61 | 09/08/2017 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-61 | 03/19/2018 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | MW-61 | 09/11/2018 | ND | 4.0000    | 4.0000      |

\* - Significantly increased over background.

\*\* - Detect at limit for 100% NDs in background (NPPL only).

\*\*\* - Manual exclusion.

ND = Not Detected, Result = detection limit.

Table 8

**Historical Downgradient Data for Constituent-Well Combinations  
that Failed the Current Statistical Evaluation or  
are in Verification Resampling Mode**

| Constituent   | Units | Well    | Date       |    | Result      | Pred. Limit |
|---------------|-------|---------|------------|----|-------------|-------------|
| Copper, total | ug/L  | MW-61   | 03/26/2019 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | MW-61   | 09/04/2019 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | MW-61   | 03/26/2020 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | MW-61   | 09/15/2020 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | MW-61   | 03/02/2021 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | MW-61   | 09/07/2021 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | MW-61   | 03/24/2022 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | MW-61   | 08/31/2022 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | MW-61   | 03/02/2023 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | MW-61   | 09/12/2023 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | MW-61   | 03/04/2024 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | MW-61   | 09/23/2024 |    | 5.0000 *    | 4.0000      |
| Copper, total | ug/L  | MW-61   | 03/12/2025 | ND | 4.0000      | 4.0000      |
| Barium, total | ug/L  | MW-62R  | 09/28/2010 |    | 775.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 12/22/2010 |    | 805.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/23/2011 |    | 688.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 05/17/2011 |    | 716.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 07/14/2011 |    | 615.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 09/08/2011 |    | 706.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/09/2012 |    | 651.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 09/25/2012 |    | 612.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/15/2013 |    | 685.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 09/24/2013 |    | 925.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/25/2014 |    | 706.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 09/24/2014 |    | 833.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/11/2015 |    | 773.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 09/16/2015 |    | 802.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/22/2016 |    | 817.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 09/15/2016 |    | 784.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/23/2017 |    | 831.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 09/08/2017 |    | 864.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/19/2018 |    | 858.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 09/11/2018 |    | 816.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/26/2019 |    | 891.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 09/04/2019 |    | 917.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/26/2020 |    | 1060.0000 * | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 09/15/2020 |    | 1070.0000 * | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/02/2021 |    | 1010.0000 * | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 09/07/2021 |    | 1060.0000 * | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/24/2022 |    | 1020.0000 * | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 08/31/2022 |    | 1060.0000 * | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/02/2023 |    | 1170.0000 * | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 09/12/2023 |    | 1050.0000 * | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/04/2024 |    | 1010.0000 * | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 09/23/2024 |    | 945.0000 *  | 357.0000    |
| Barium, total | ug/L  | MW-62R  | 03/12/2025 |    | 946.0000 *  | 357.0000    |
| Copper, total | ug/L  | SW-101R | 03/26/2020 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | SW-101R | 09/15/2020 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | SW-101R | 03/02/2021 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | SW-101R | 09/07/2021 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | SW-101R | 03/24/2022 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | SW-101R | 08/31/2022 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | SW-101R | 03/02/2023 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | SW-101R | 09/12/2023 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | SW-101R | 03/04/2024 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | SW-101R | 09/23/2024 | ND | 4.0000      | 4.0000      |
| Copper, total | ug/L  | SW-101R | 03/12/2025 |    | 5.7000 *    | 4.0000      |

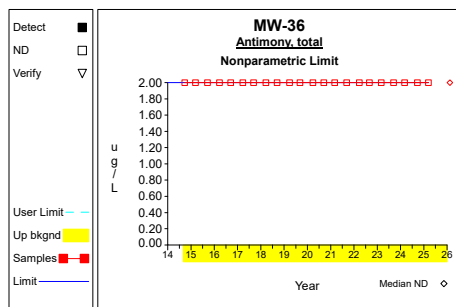
\* - Significantly increased over background.

\*\* - Detect at limit for 100% NDs in background (NPPL only).

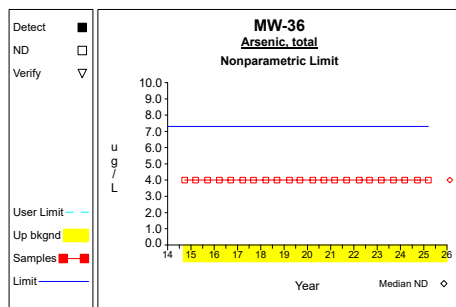
\*\*\* - Manual exclusion.

ND = Not Detected, Result = detection limit.

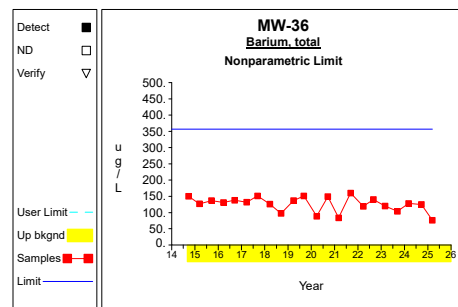
# Up vs. Down Prediction Limits



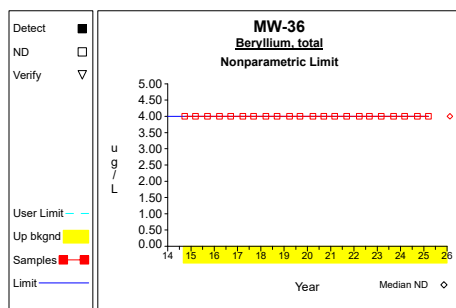
Graph 1



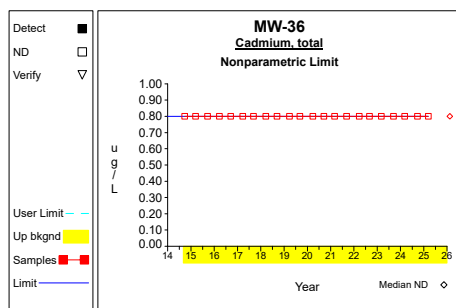
Graph 2



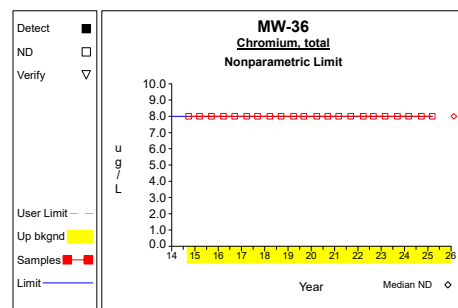
Graph 3



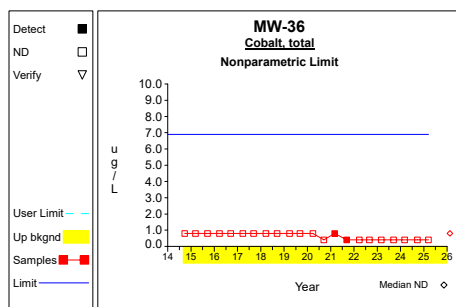
Graph 4



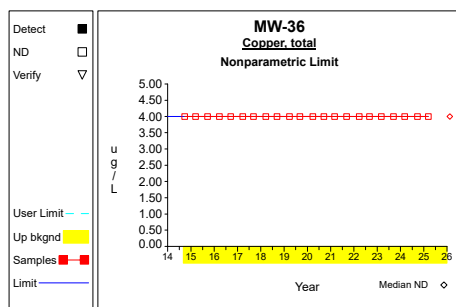
Graph 5



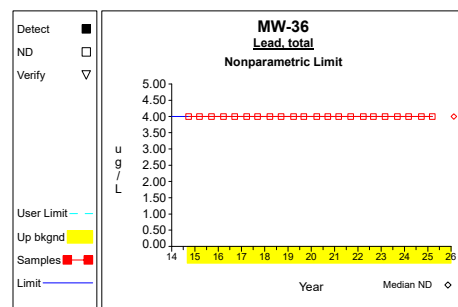
Graph 6



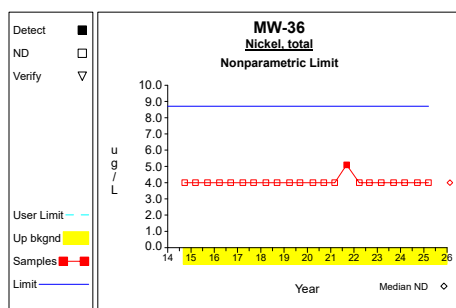
Graph 7



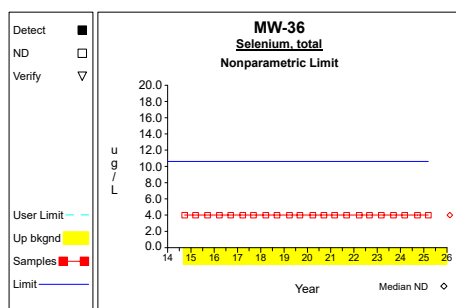
Graph 8



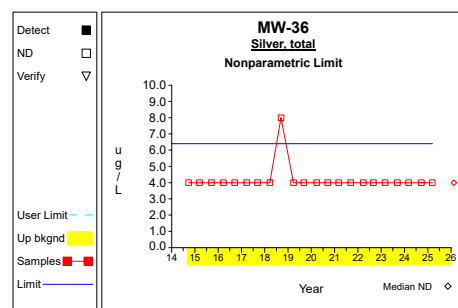
Graph 9



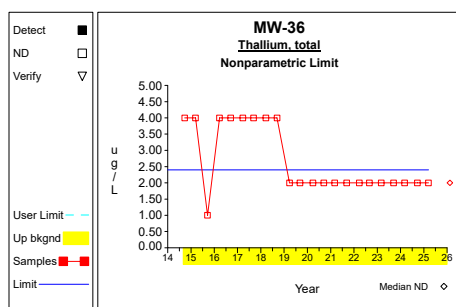
Graph 10



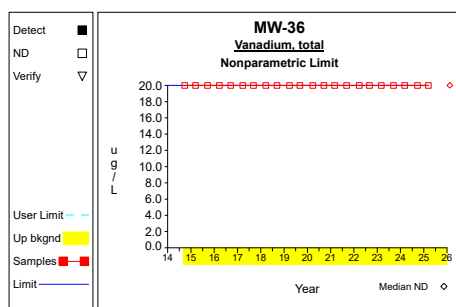
Graph 11



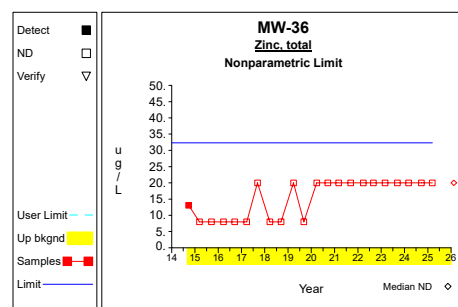
Graph 12



Graph 13

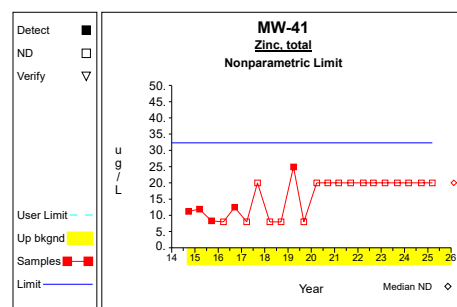
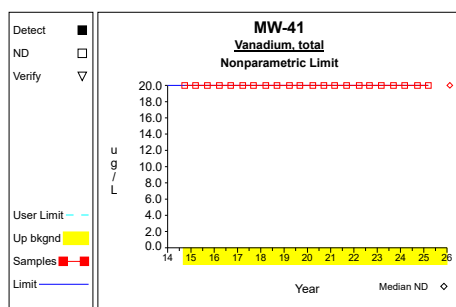
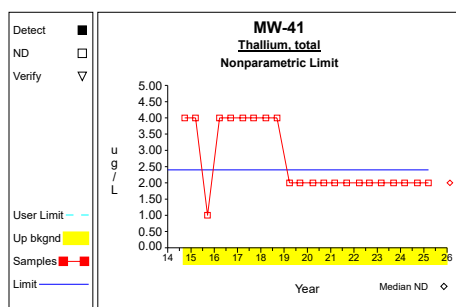
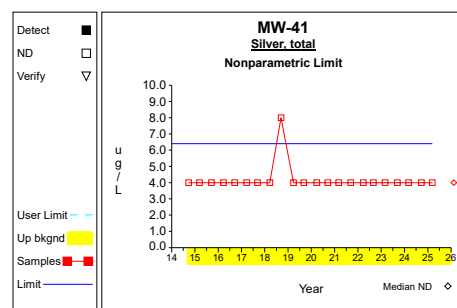
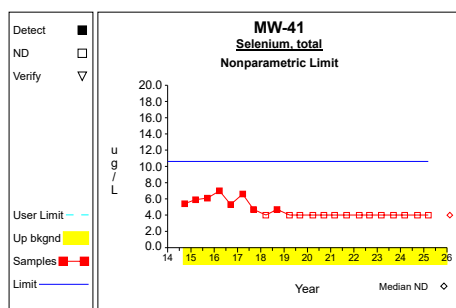
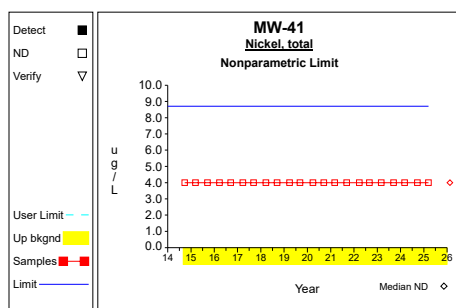
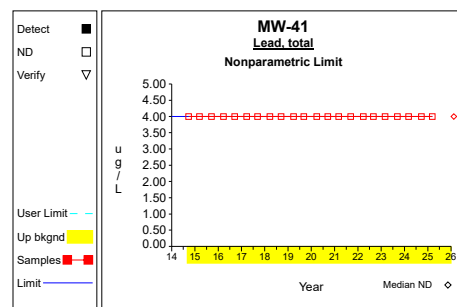
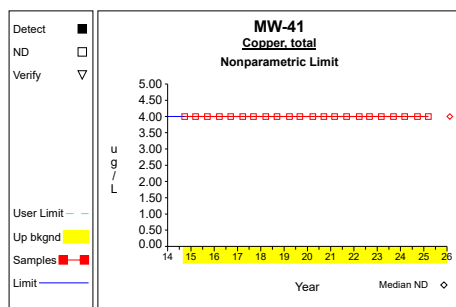
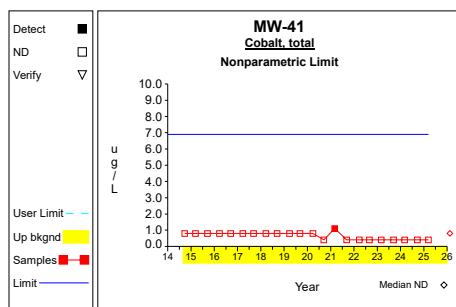
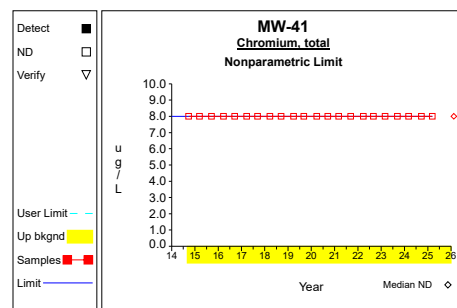
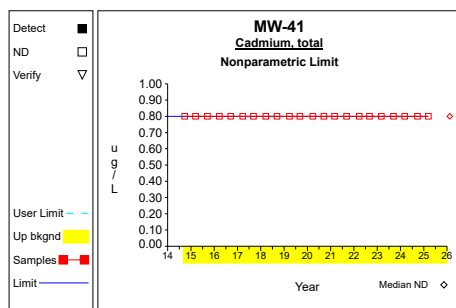
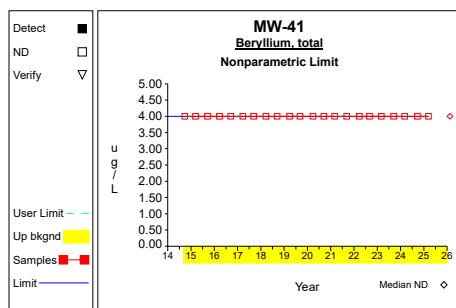
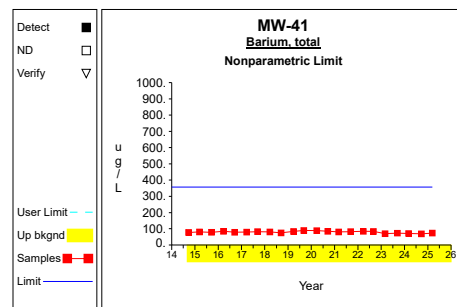
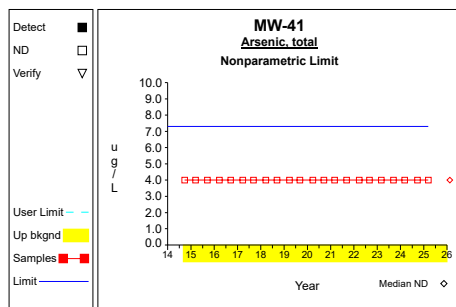
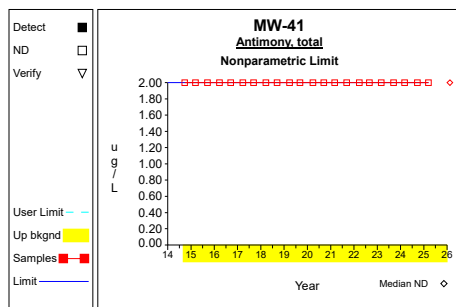


Graph 14

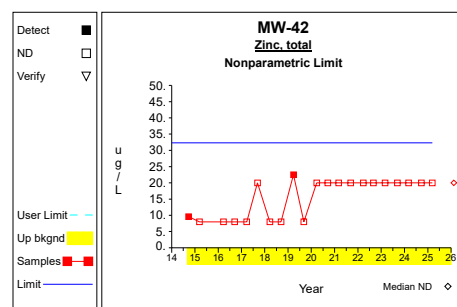
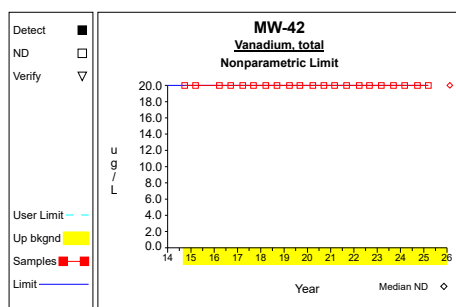
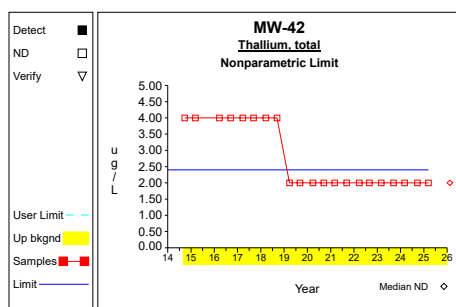
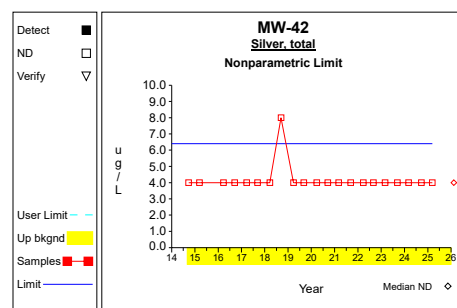
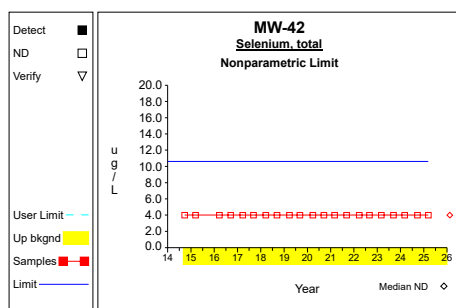
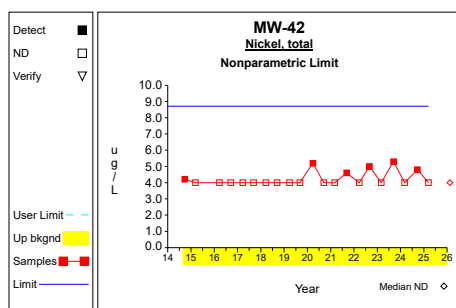
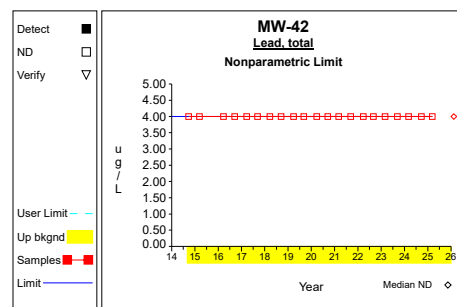
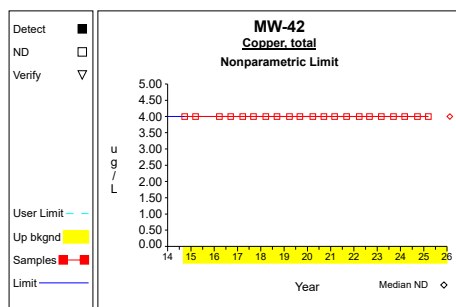
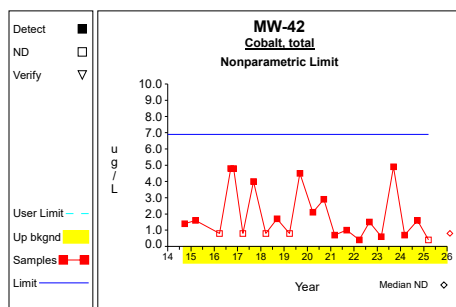
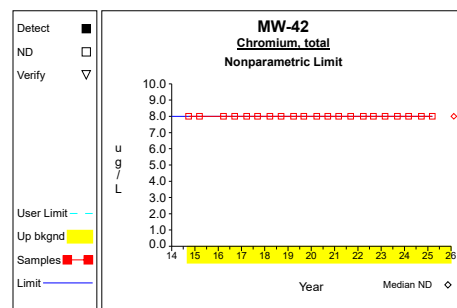
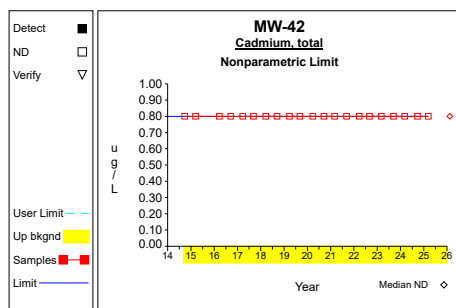
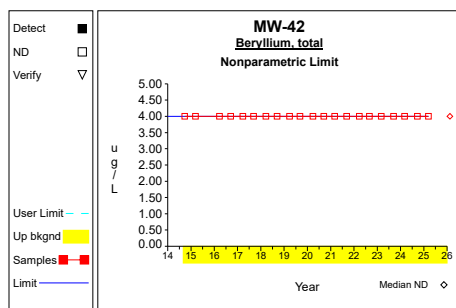
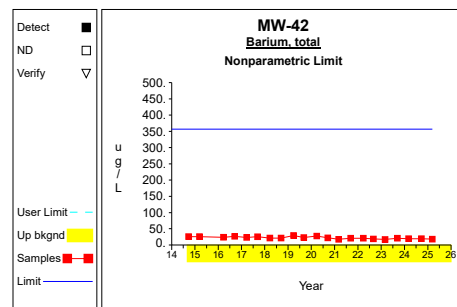
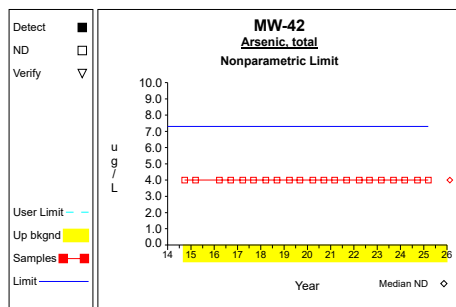
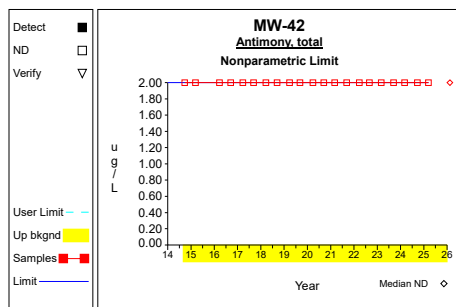


Graph 15

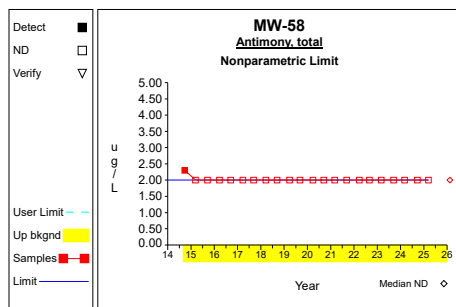
# Up vs. Down Prediction Limits



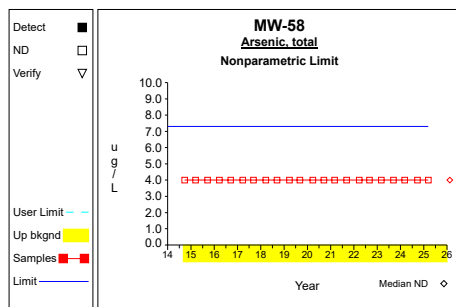
# Up vs. Down Prediction Limits



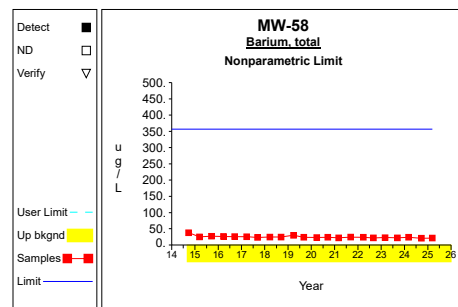
# Up vs. Down Prediction Limits



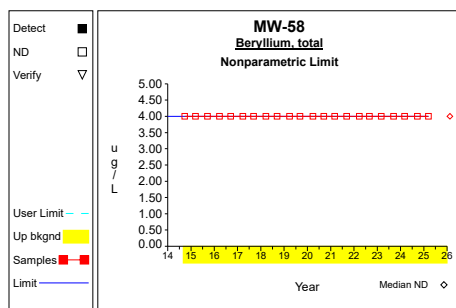
Graph 46



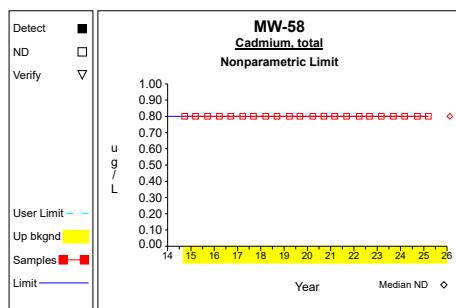
Graph 47



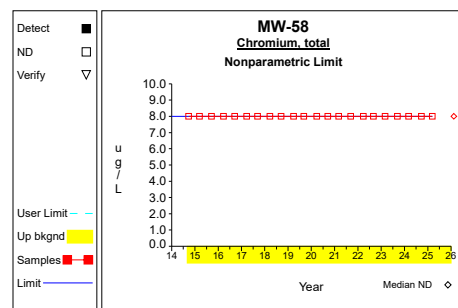
Graph 48



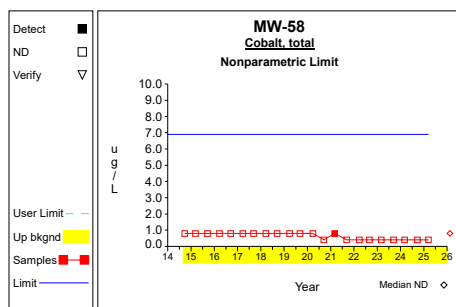
Graph 49



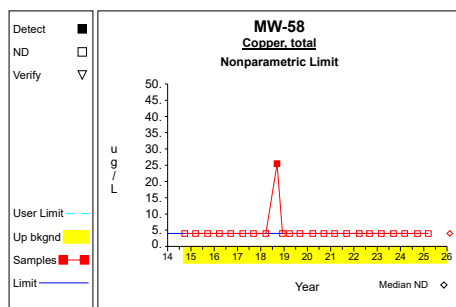
Graph 50



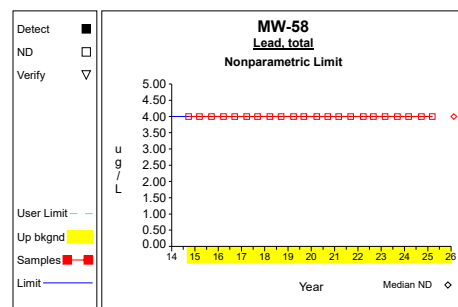
Graph 51



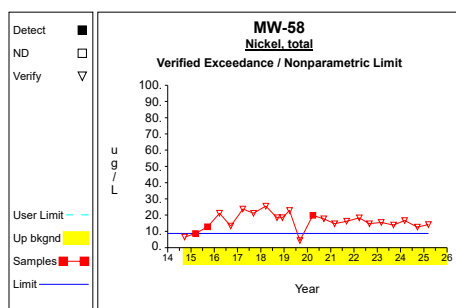
Graph 52



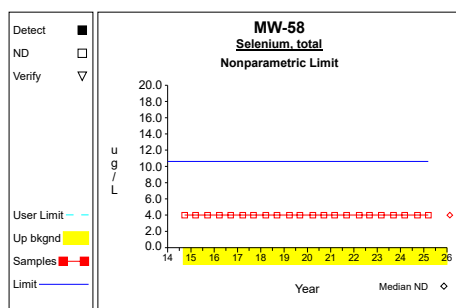
Graph 53



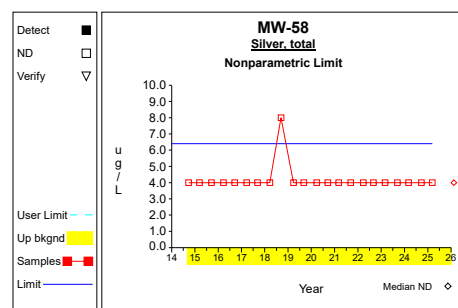
Graph 54



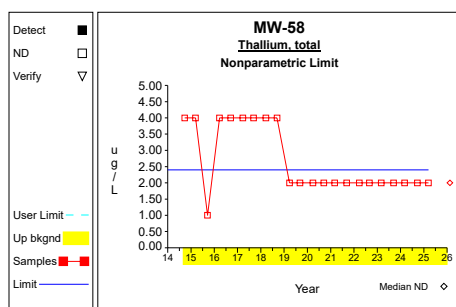
Graph 55



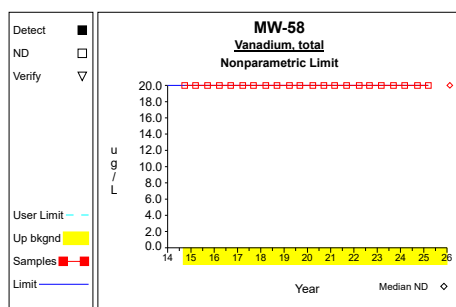
Graph 56



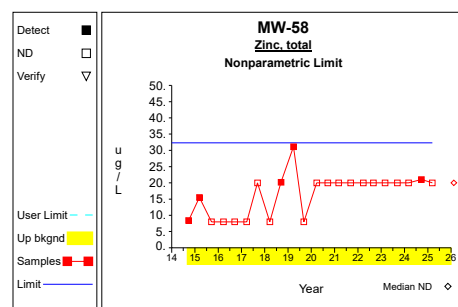
Graph 57



Graph 58

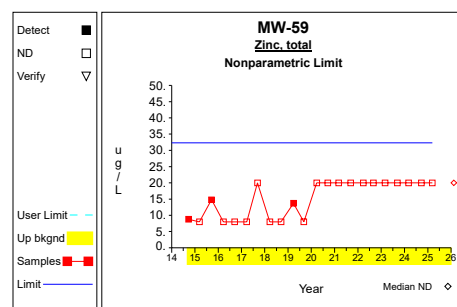
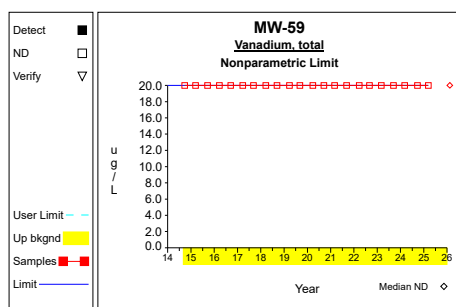
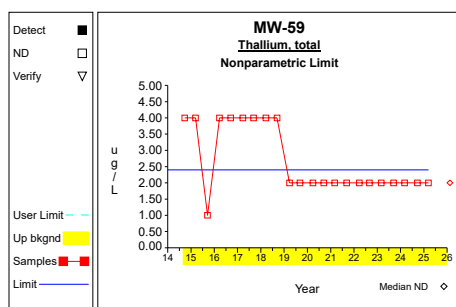
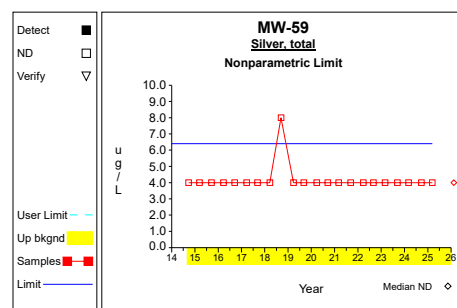
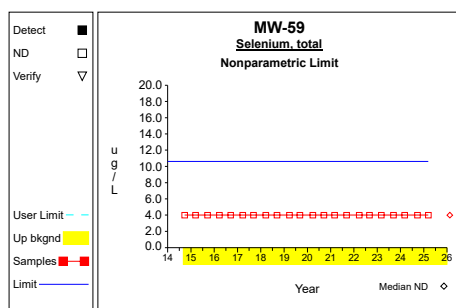
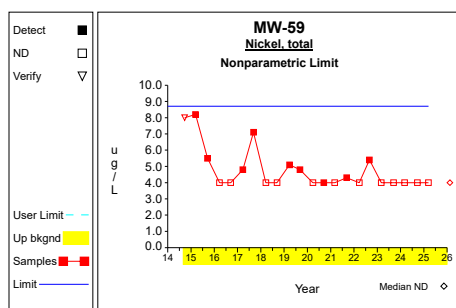
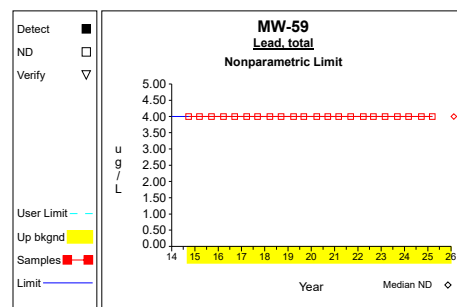
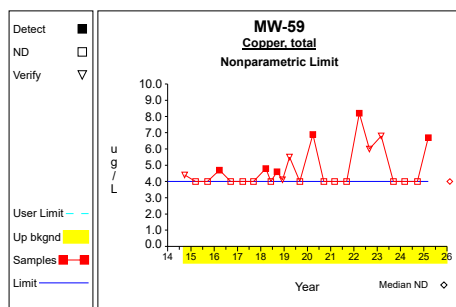
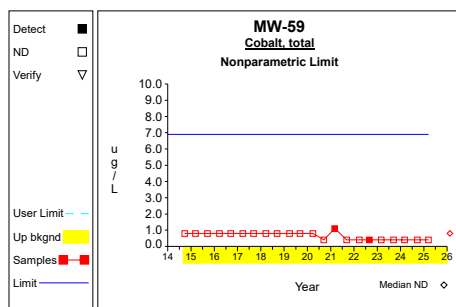
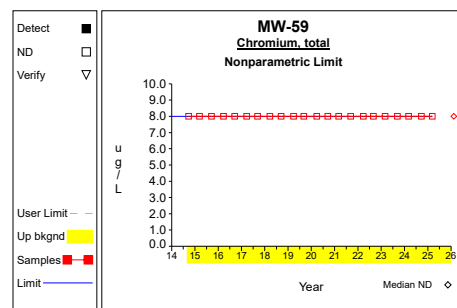
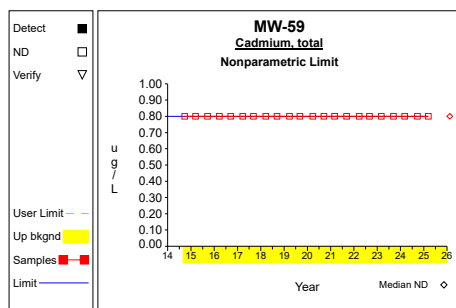
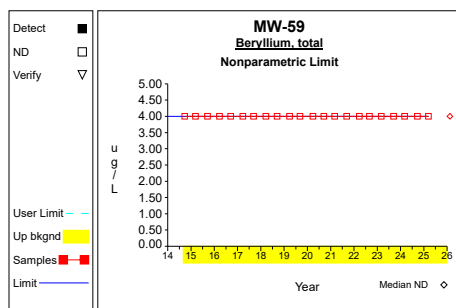
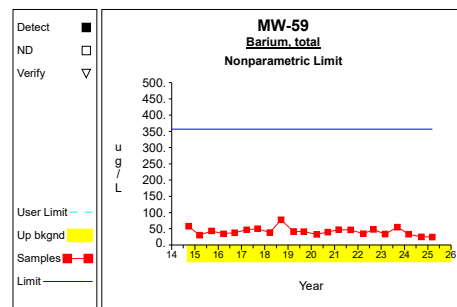
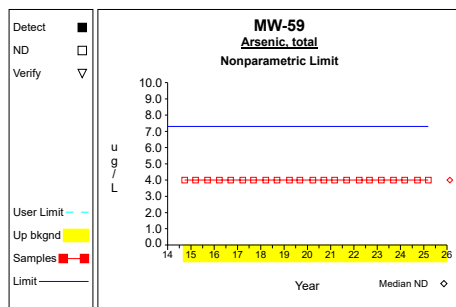
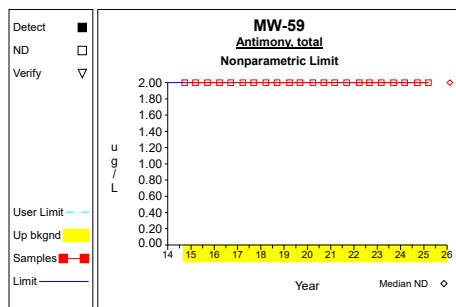


Graph 59

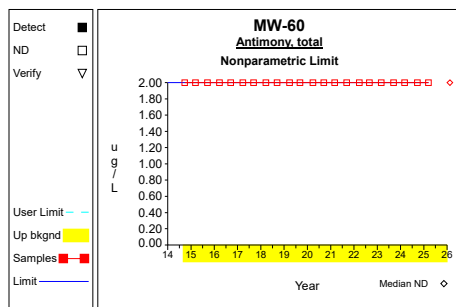


Graph 60

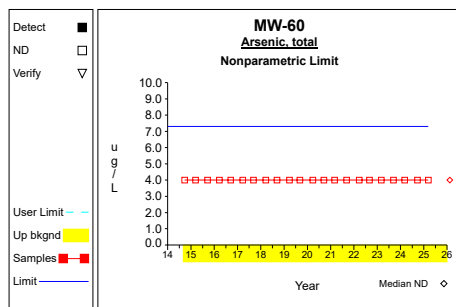
# Up vs. Down Prediction Limits



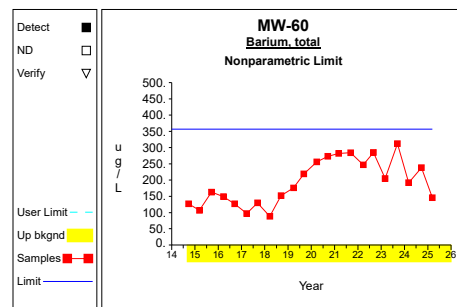
# Up vs. Down Prediction Limits



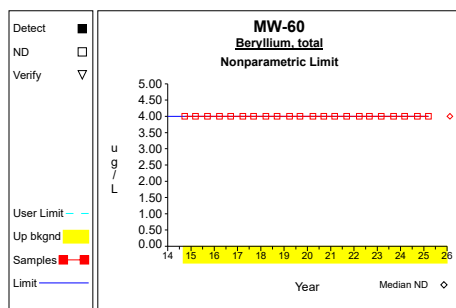
Graph 76



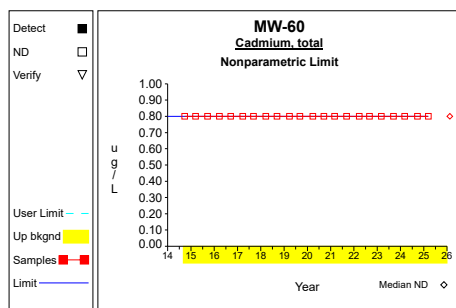
Graph 77



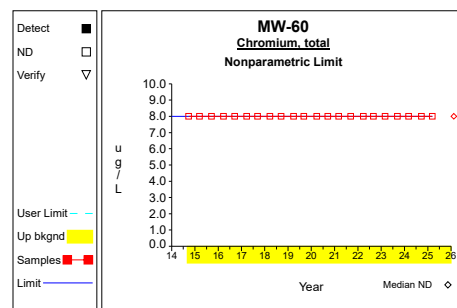
Graph 78



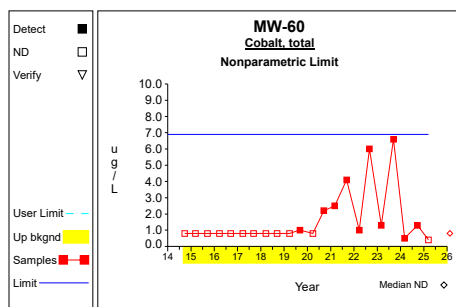
Graph 79



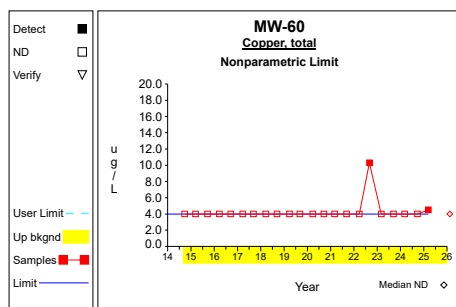
Graph 80



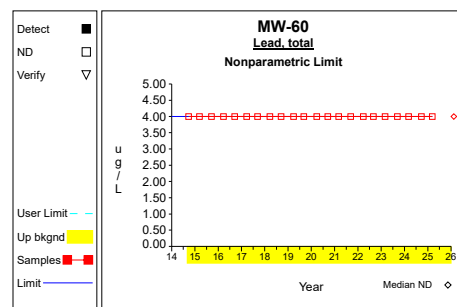
Graph 81



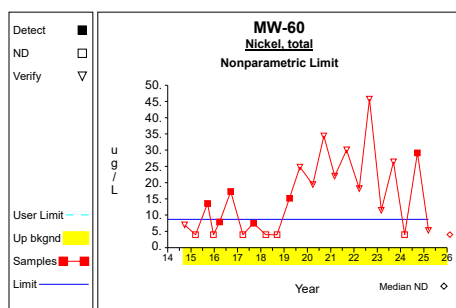
Graph 82



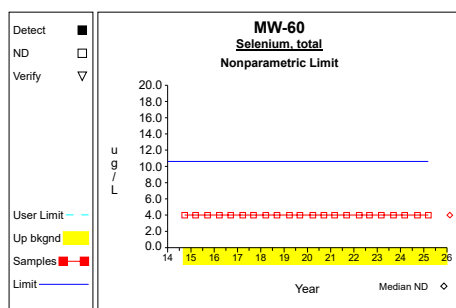
Graph 83



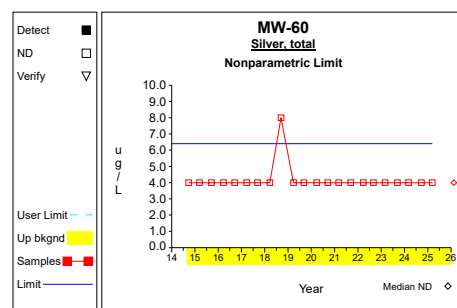
Graph 84



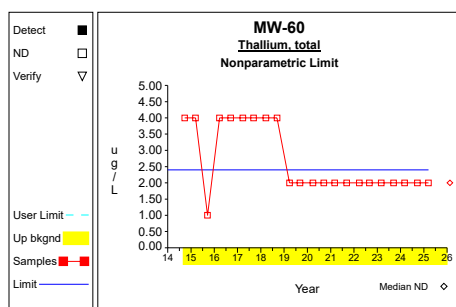
Graph 85



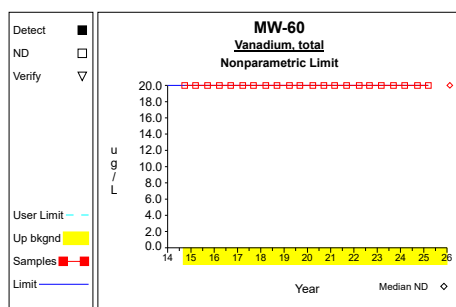
Graph 86



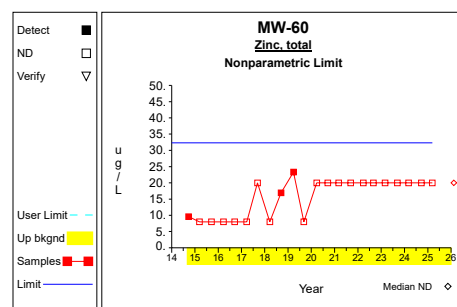
Graph 87



Graph 88



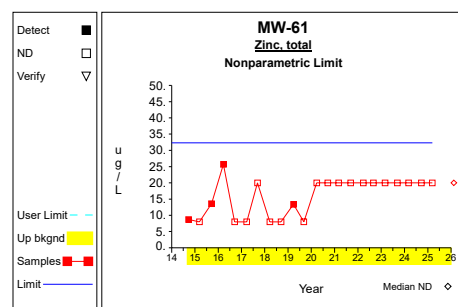
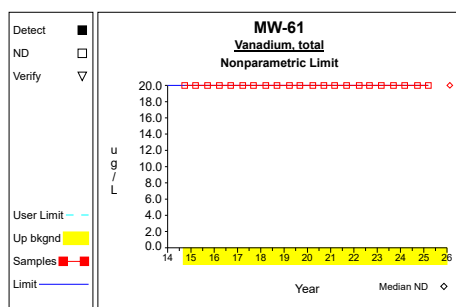
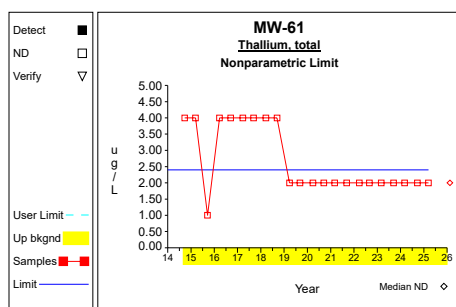
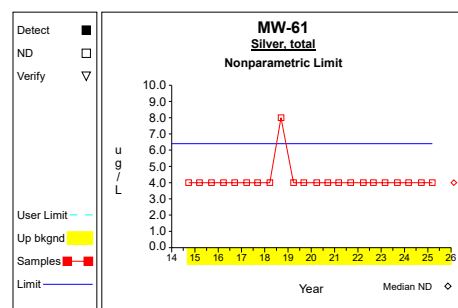
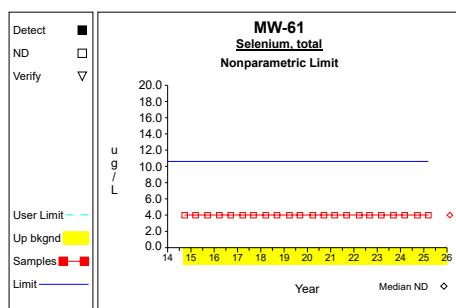
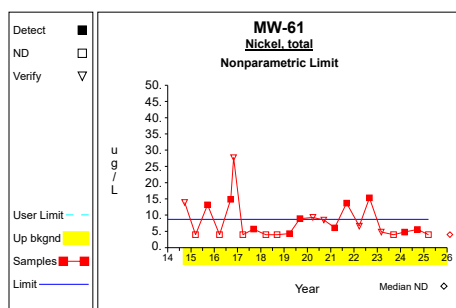
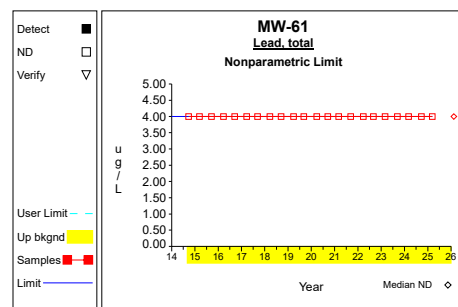
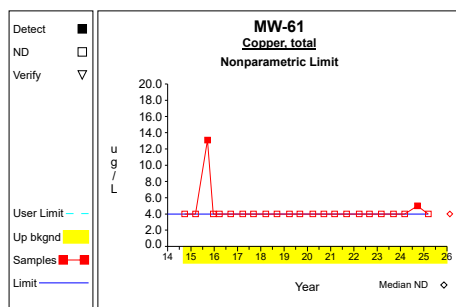
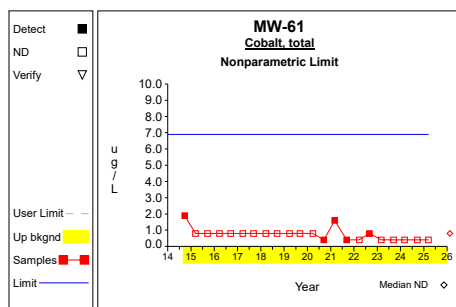
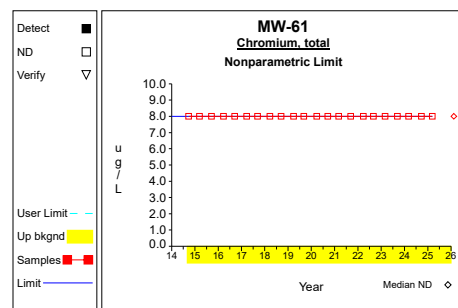
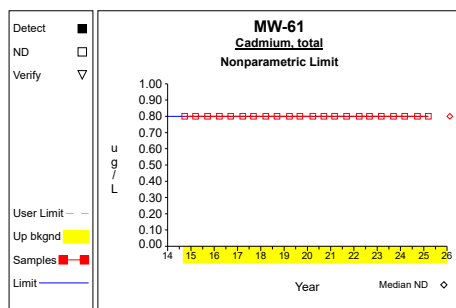
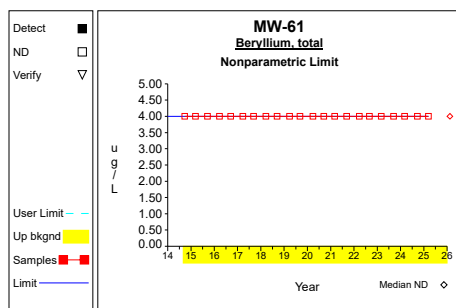
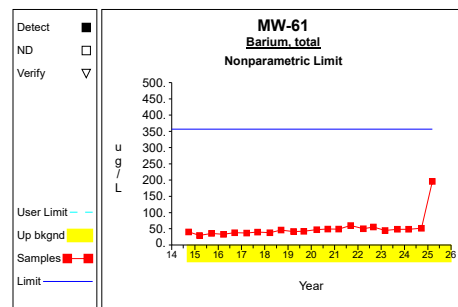
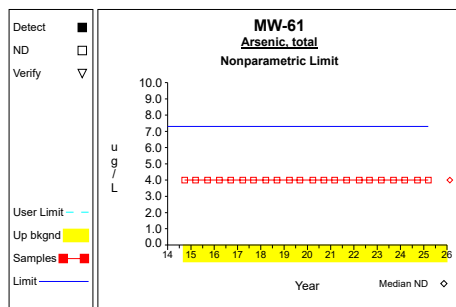
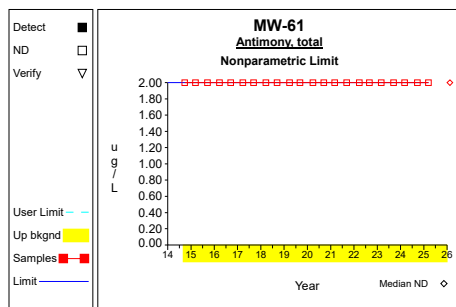
Graph 89



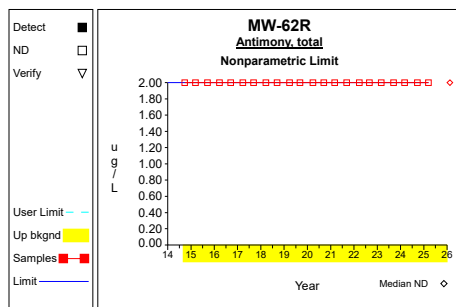
Graph 90



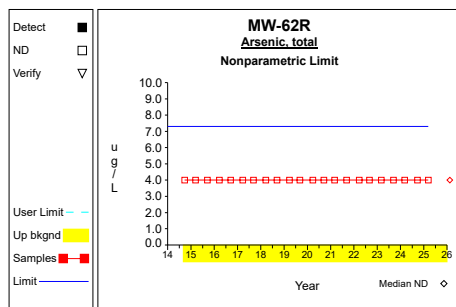
# Up vs. Down Prediction Limits



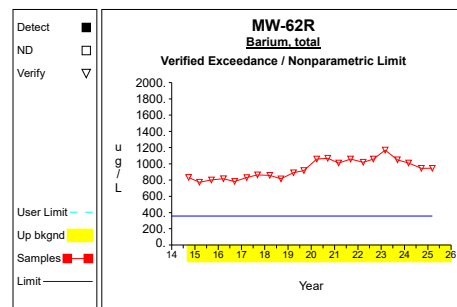
# Up vs. Down Prediction Limits



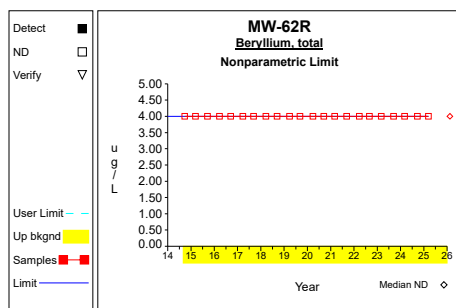
Graph 106



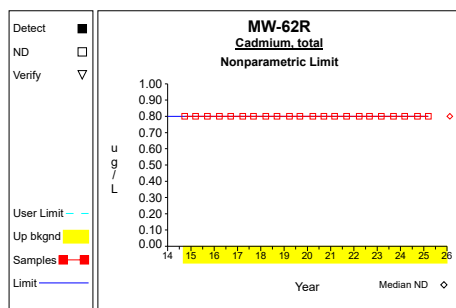
Graph 107



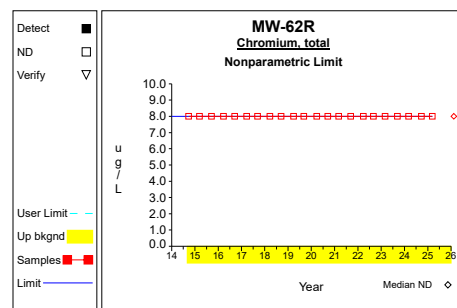
Graph 108



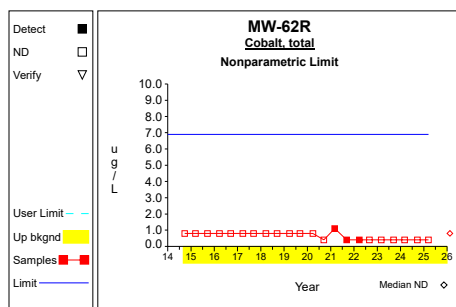
Graph 109



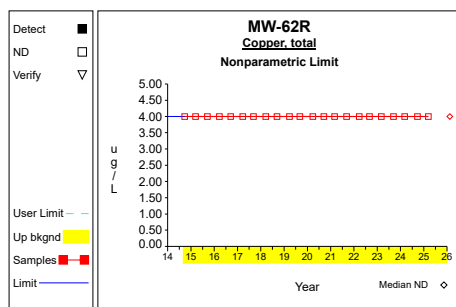
Graph 110



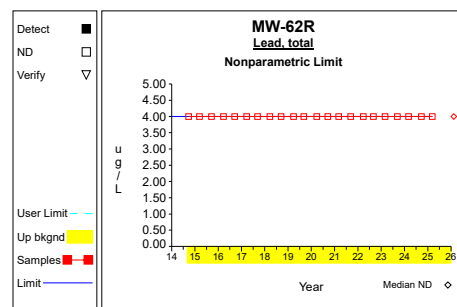
Graph 111



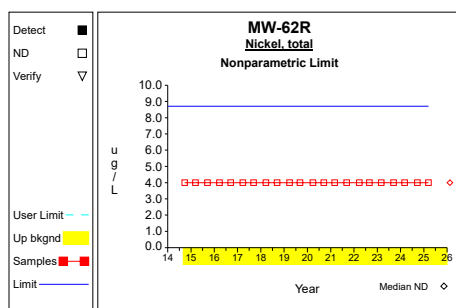
Graph 112



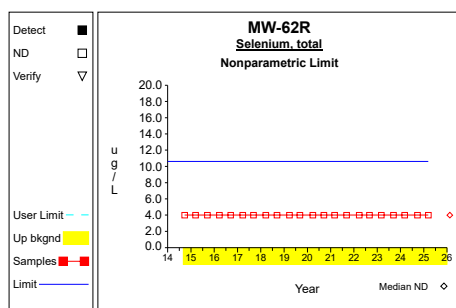
Graph 113



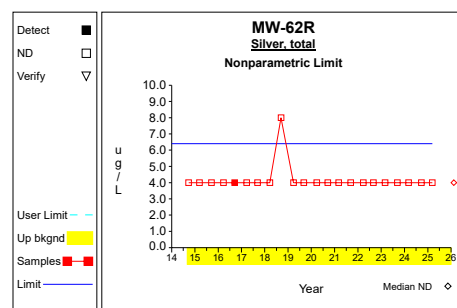
Graph 114



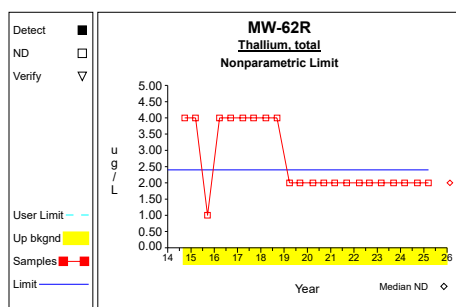
Graph 115



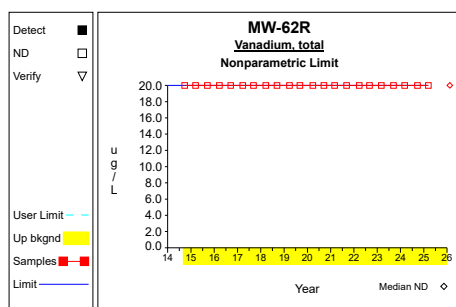
Graph 116



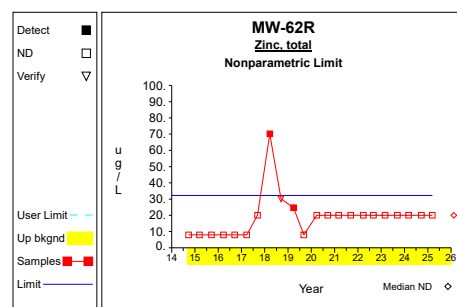
Graph 117



Graph 118

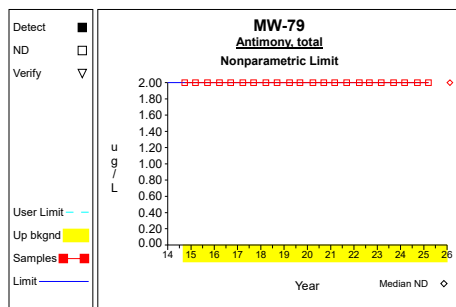


Graph 119

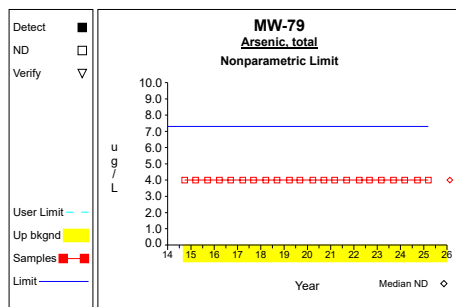


Graph 120

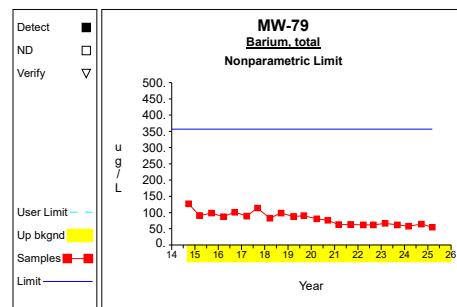
# Up vs. Down Prediction Limits



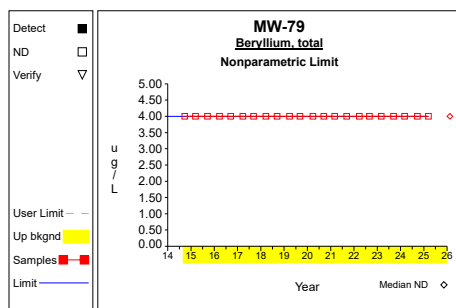
Graph 121



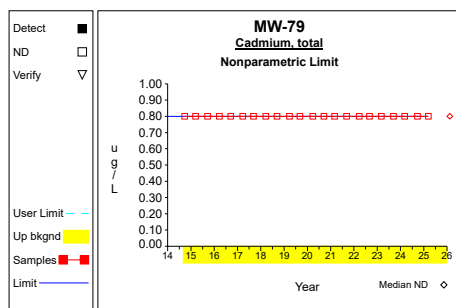
Graph 122



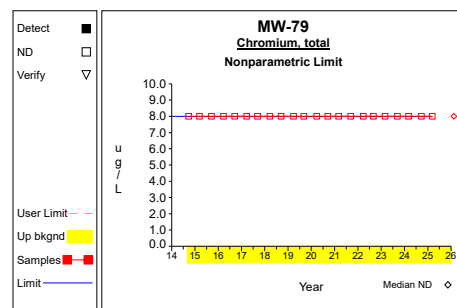
Graph 123



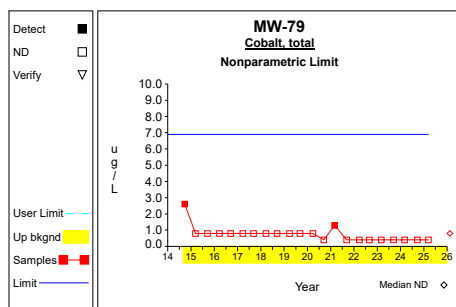
Graph 124



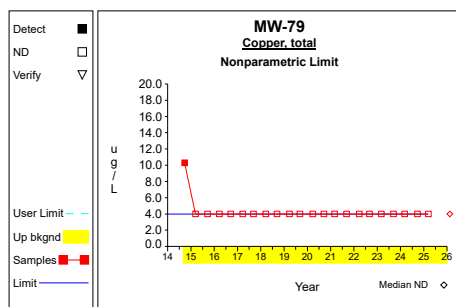
Graph 125



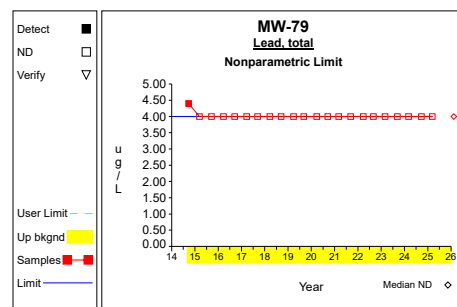
Graph 126



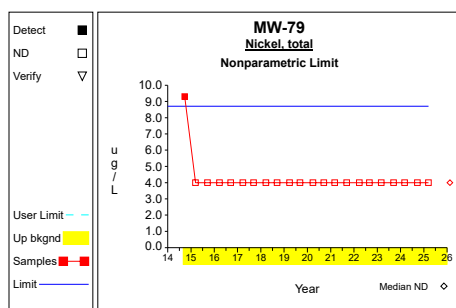
Graph 127



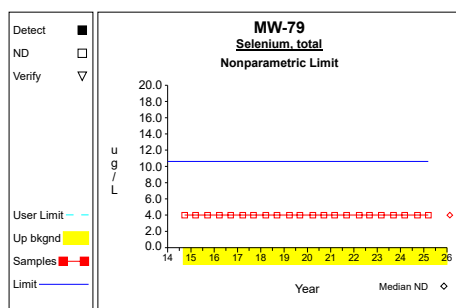
Graph 128



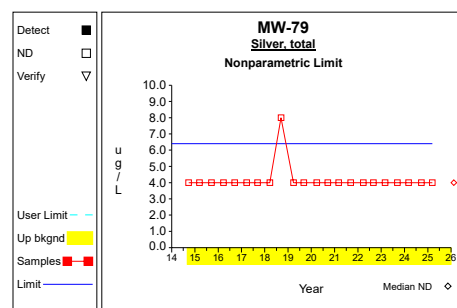
Graph 129



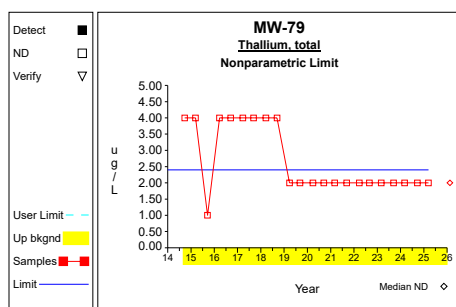
Graph 130



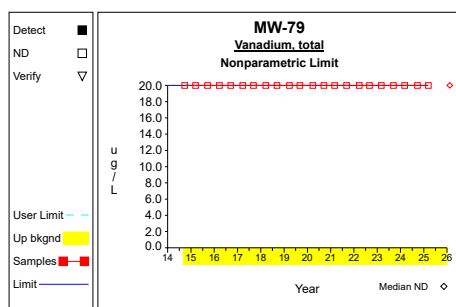
Graph 131



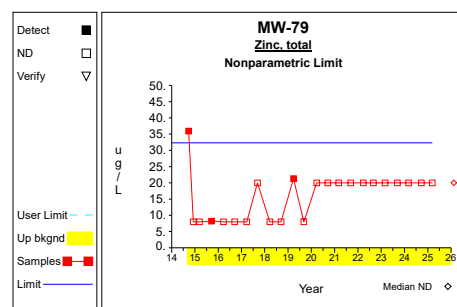
Graph 132



Graph 133

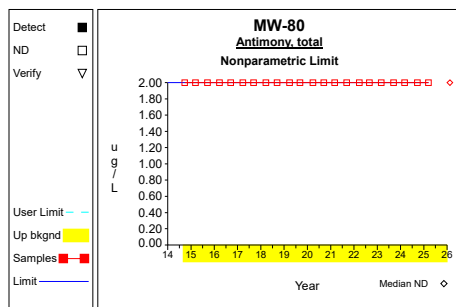


Graph 134

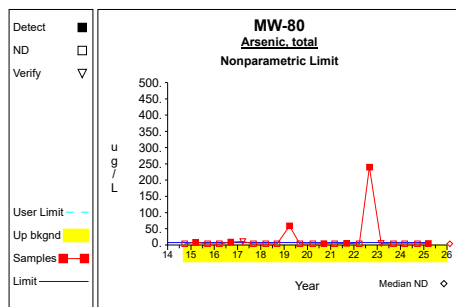


Graph 135

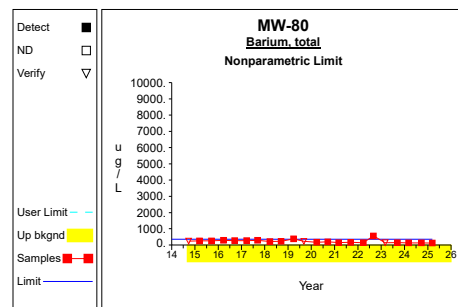
# Up vs. Down Prediction Limits



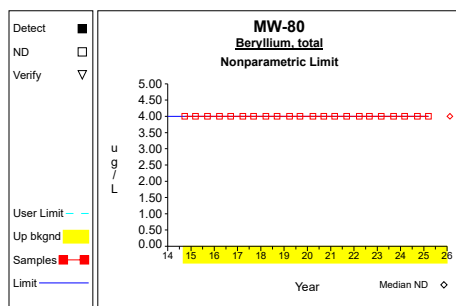
Graph 136



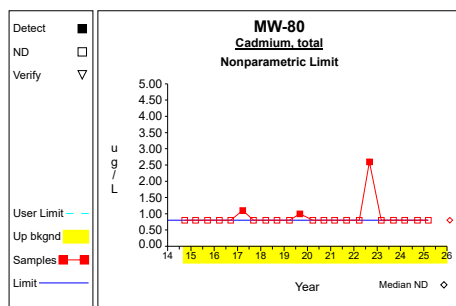
Graph 137



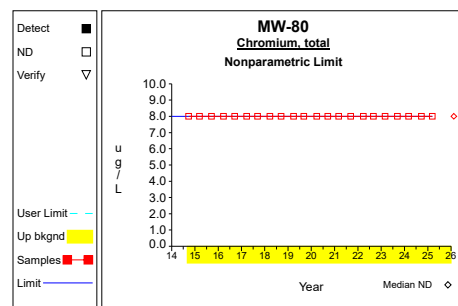
Graph 138



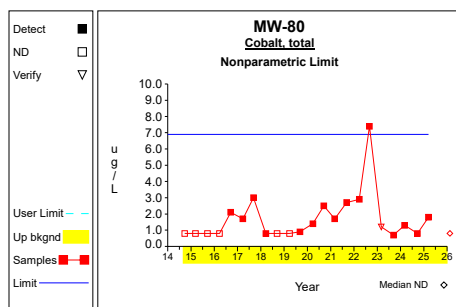
Graph 139



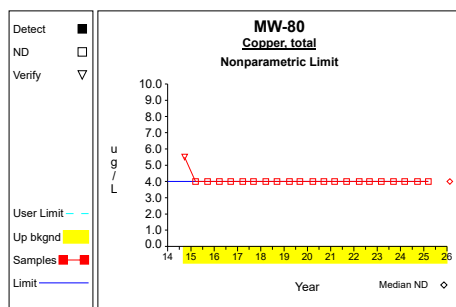
Graph 140



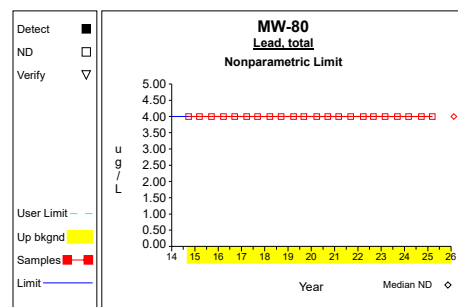
Graph 141



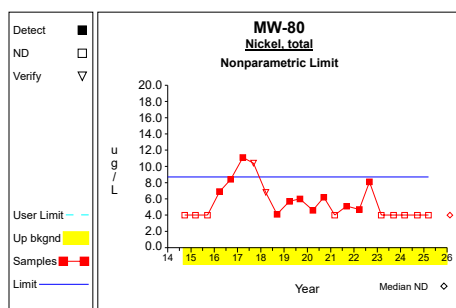
Graph 142



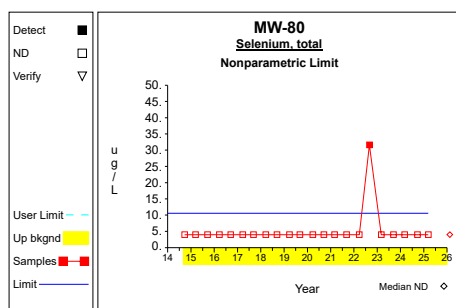
Graph 143



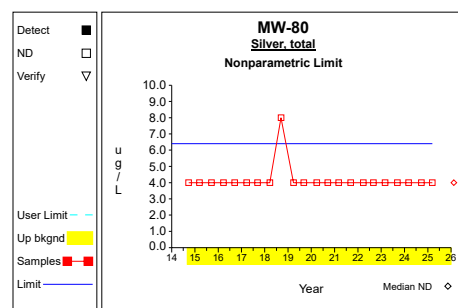
Graph 144



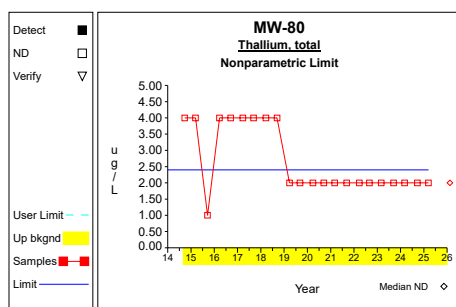
Graph 145



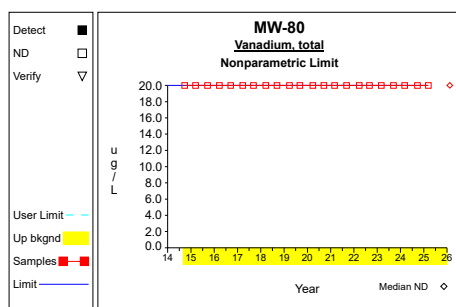
Graph 146



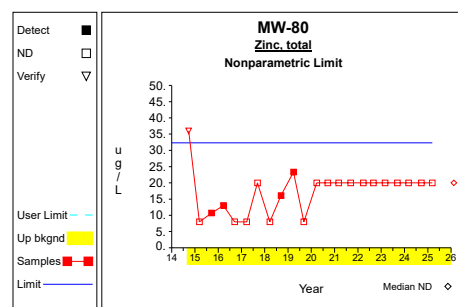
Graph 147



Graph 148

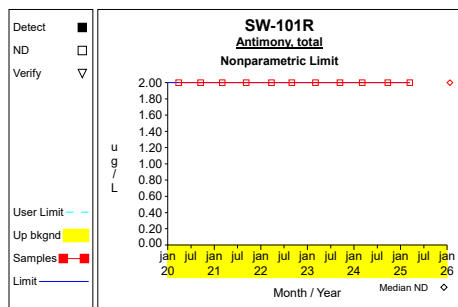


Graph 149

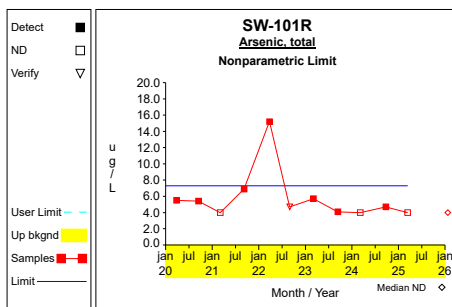


Graph 150

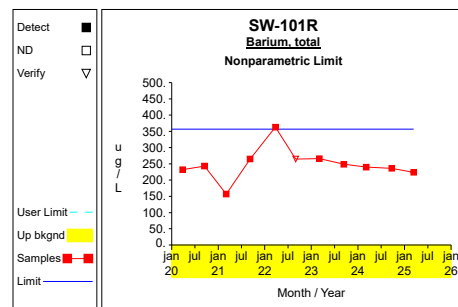
# Up vs. Down Prediction Limits



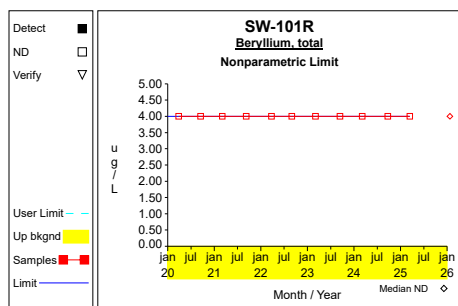
Graph 151



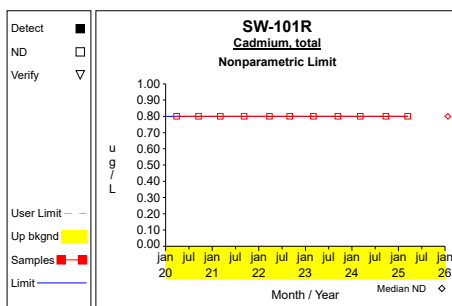
Graph 152



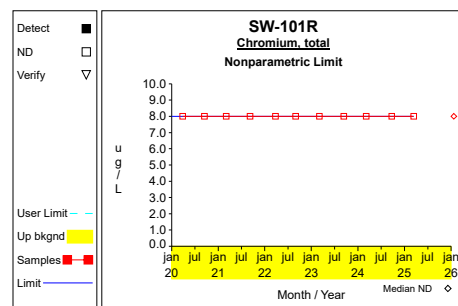
Graph 153



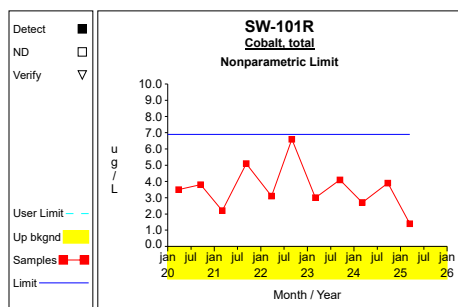
Graph 154



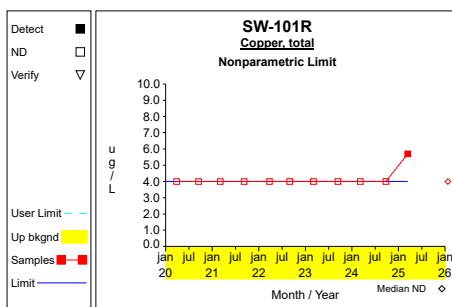
Graph 155



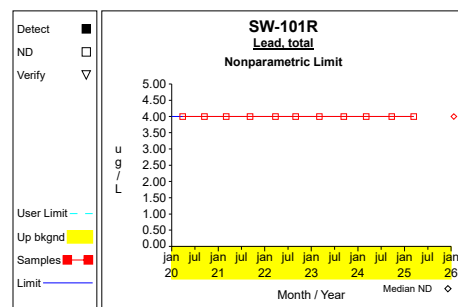
Graph 156



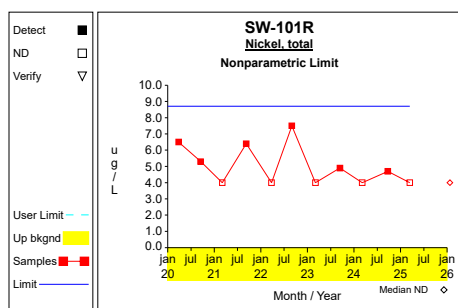
Graph 157



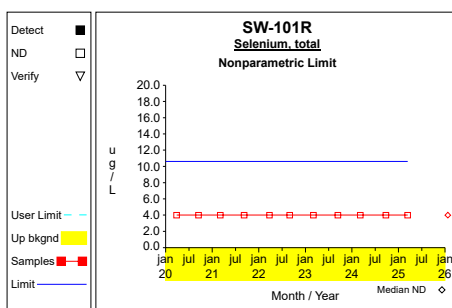
Graph 158



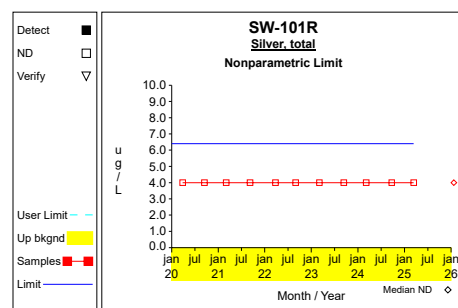
Graph 159



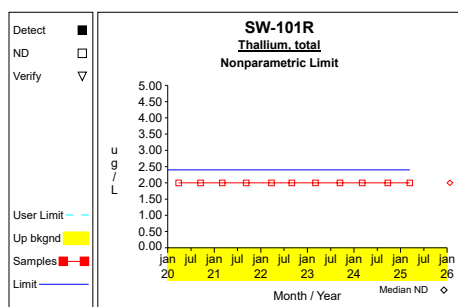
Graph 160



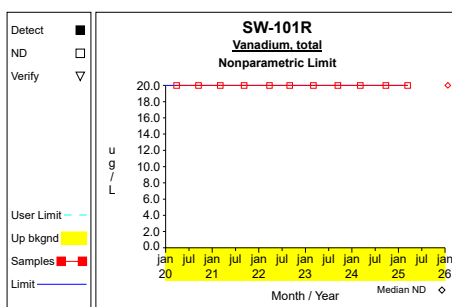
Graph 161



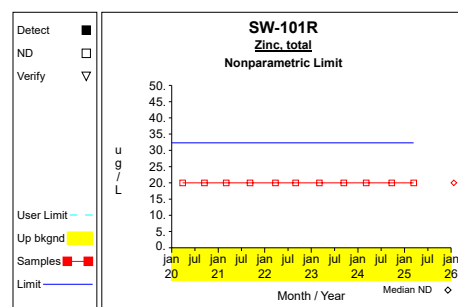
Graph 162



Graph 163

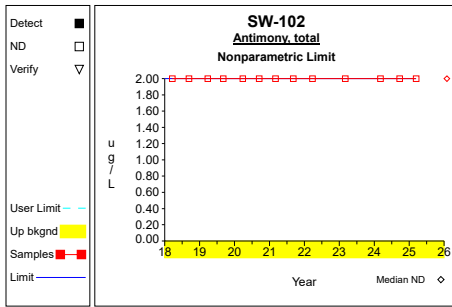


Graph 164

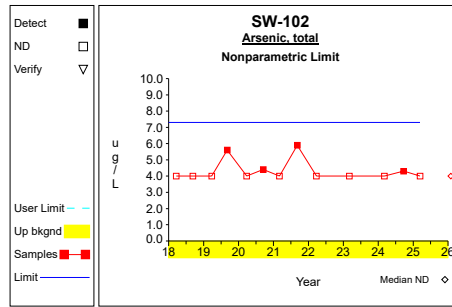


Graph 165

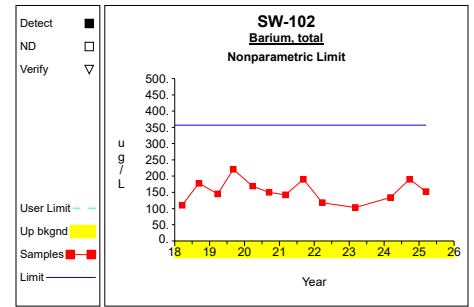
# Up vs. Down Prediction Limits



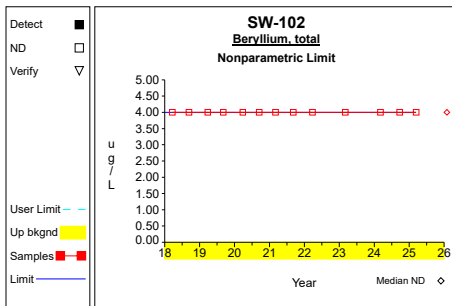
Graph 166



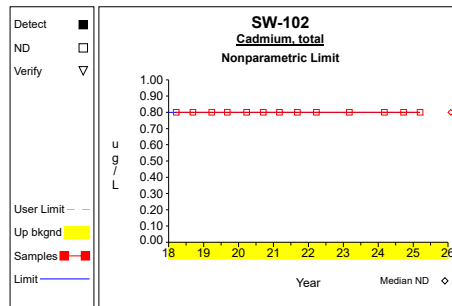
Graph 167



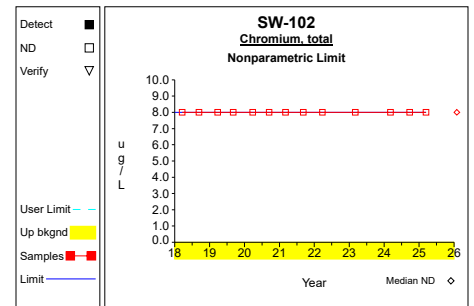
Graph 168



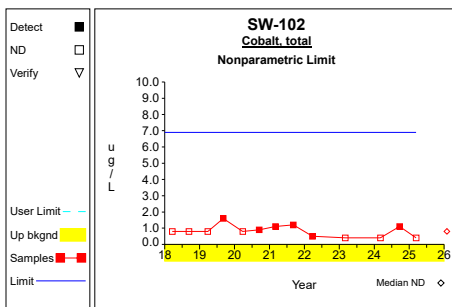
Graph 169



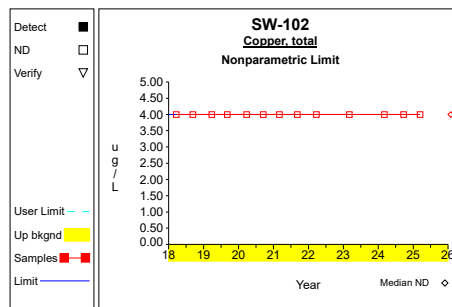
Graph 170



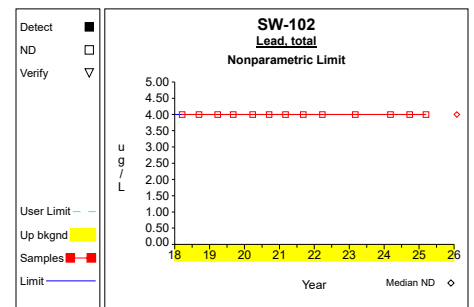
Graph 171



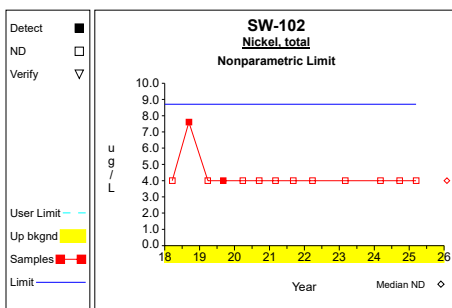
Graph 172



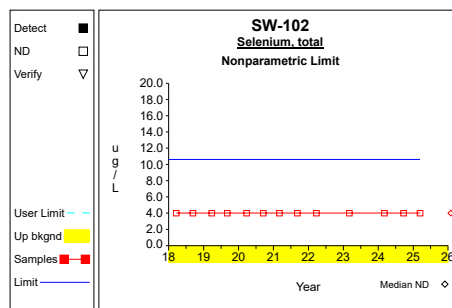
Graph 173



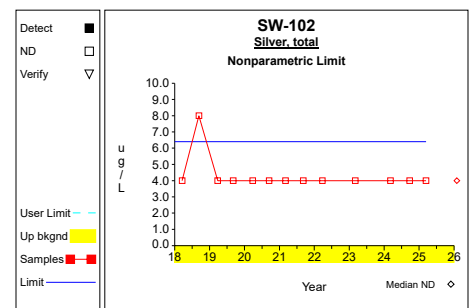
Graph 174



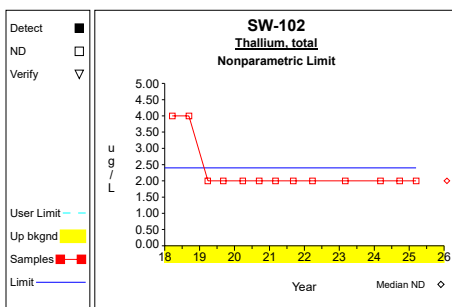
Graph 175



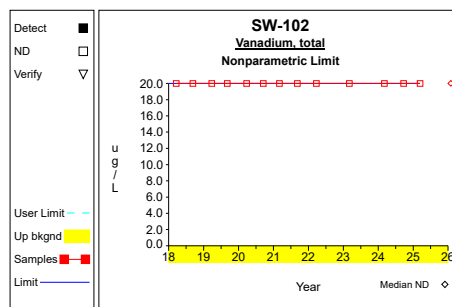
Graph 176



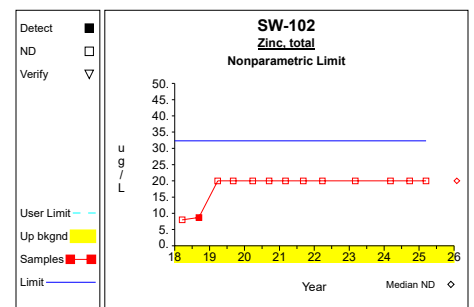
Graph 177



Graph 178

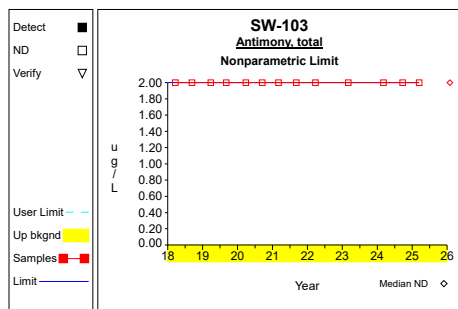


Graph 179

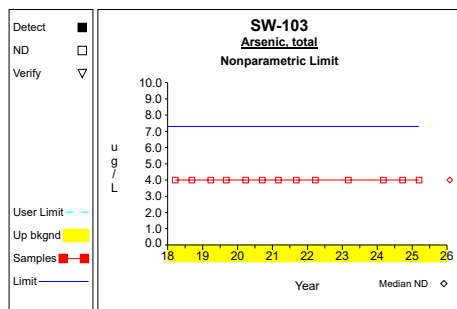


Graph 180

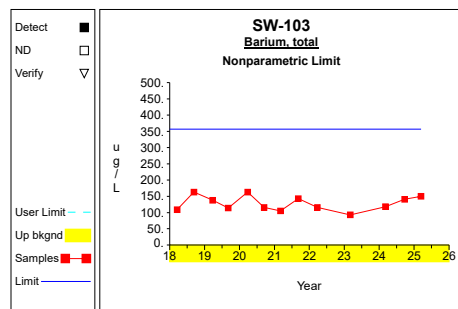
# Up vs. Down Prediction Limits



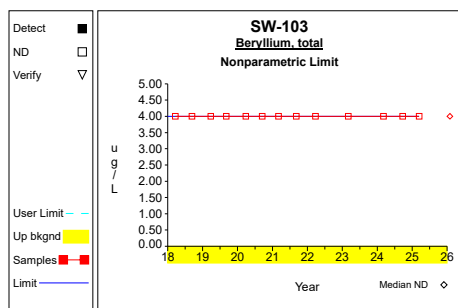
Graph 181



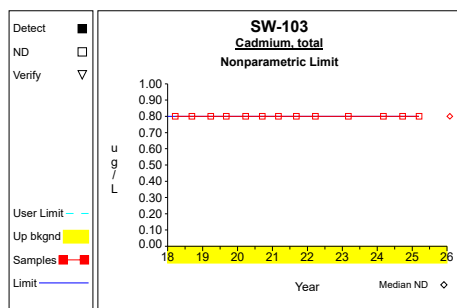
Graph 182



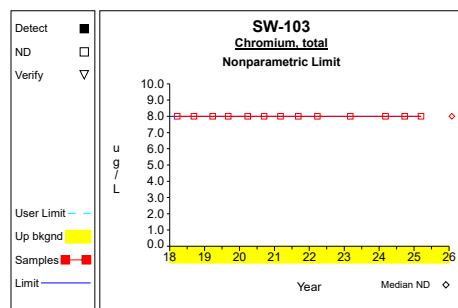
Graph 183



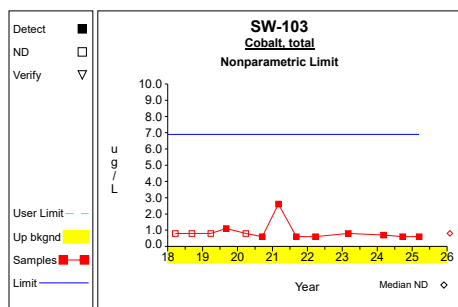
Graph 184



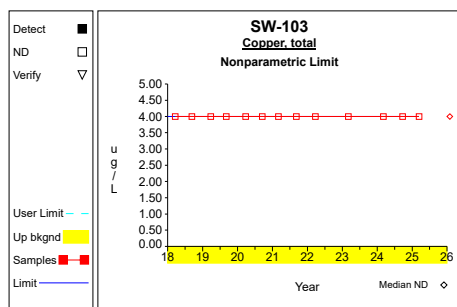
Graph 185



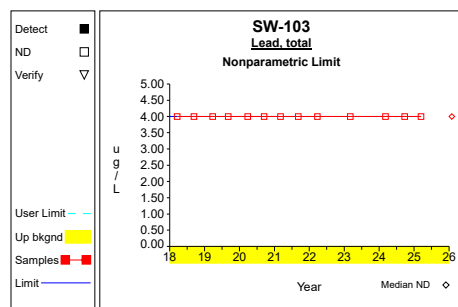
Graph 186



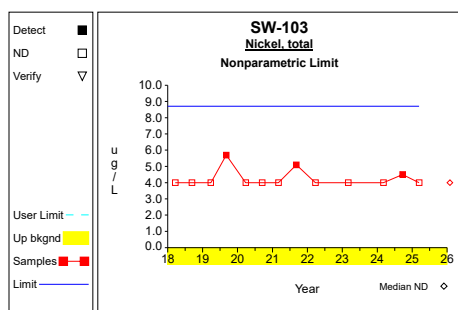
Graph 187



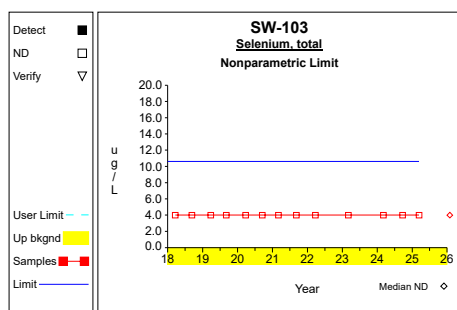
Graph 188



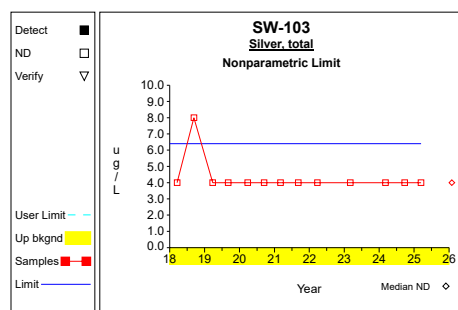
Graph 189



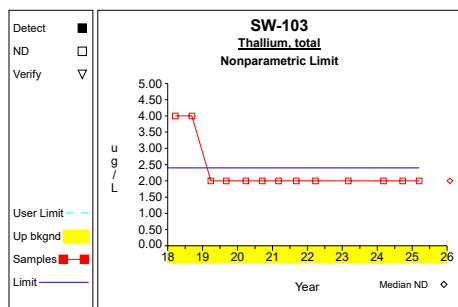
Graph 190



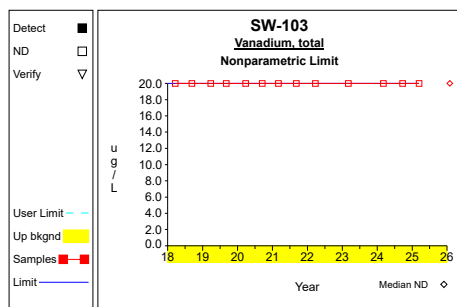
Graph 191



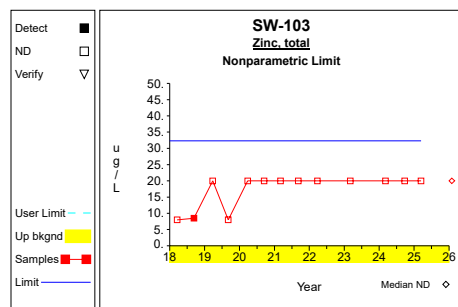
Graph 192



Graph 193

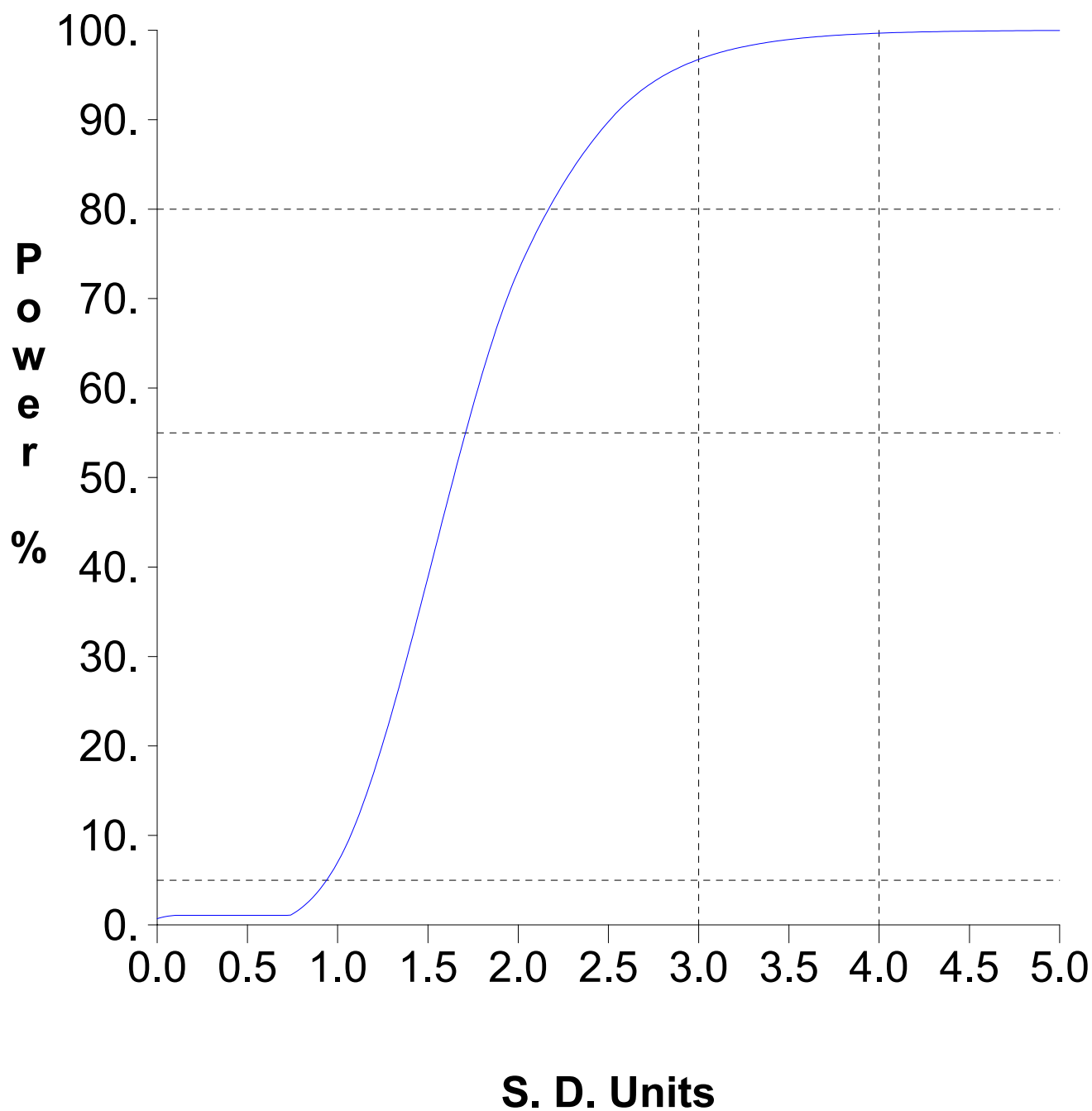


Graph 194



Graph 195

## False Positive and False Negative Rates for Current Upgradient vs. Downgradient Monitoring Program





**Attachment C**

95% LCLs for Trace Metal Exceedances

Table 1

**Confidence Intervals for Comparing the Mean of the Last  
4 Measurements to an Assessment Monitoring Standard**

| Constituent    | Units | Well    | N | Mean    | SD     | Factor | 95% LCL | 95% UCL  | Standard | Trend |
|----------------|-------|---------|---|---------|--------|--------|---------|----------|----------|-------|
| Arsenic, total | ug/L  | MW-42   | 4 | 2.000   | 0.000  | 1.176  | 2.000   | 2.000    | 10.000   | dec   |
| Barium, total  | ug/L  | MW-42   | 4 | 19.500  | 1.278  | 1.176  | 17.997  | 21.003   | 2000.000 |       |
| Cobalt, total  | ug/L  | MW-42   | 4 | 1.900   | 2.064  | 1.176  | 0.000   | 4.328    | 2.100    |       |
| Copper, total  | ug/L  | MW-42   | 4 | 2.000   | 0.000  | 1.176  | 2.000   | 2.000    | 1300.000 |       |
| Nickel, total  | ug/L  | MW-42   | 4 | 3.525   | 1.773  | 1.176  | 1.440   | 5.610    | 100.000  |       |
| Arsenic, total | ug/L  | MW-58   | 4 | 2.000   | 0.000  | 1.176  | 2.000   | 2.000    | 10.000   | dec   |
| Barium, total  | ug/L  | MW-58   | 4 | 22.050  | 1.266  | 1.176  | 20.561  | 23.539   | 2000.000 |       |
| Cobalt, total  | ug/L  | MW-58   | 4 | 0.400   | 0.000  | 1.176  | 0.400   | 0.400    | 2.100    |       |
| Copper, total  | ug/L  | MW-58   | 4 | 2.000   | 0.000  | 1.176  | 2.000   | 2.000    | 1300.000 |       |
| Nickel, total  | ug/L  | MW-58   | 4 | 14.350  | 1.714  | 1.176  | 12.334  | 16.366   | 100.000  |       |
| Arsenic, total | ug/L  | MW-59   | 4 | 2.000   | 0.000  | 1.176  | 2.000   | 2.000    | 10.000   | dec   |
| Barium, total  | ug/L  | MW-59   | 4 | 34.650  | 14.211 | 1.176  | 17.934  | 51.366   | 2000.000 |       |
| Cobalt, total  | ug/L  | MW-59   | 4 | 0.400   | 0.000  | 1.176  | 0.400   | 0.400    | 2.100    |       |
| Copper, total  | ug/L  | MW-59   | 4 | 3.175   | 2.350  | 1.176  | 0.411   | 5.939    | 1300.000 |       |
| Nickel, total  | ug/L  | MW-59   | 4 | 2.000   | 0.000  | 1.176  | 2.000   | 2.000    | 100.000  |       |
| Arsenic, total | ug/L  | MW-60   | 4 | 2.000   | 0.000  | 1.176  | 2.000   | 2.000    | 10.000   |       |
| Barium, total  | ug/L  | MW-60   | 4 | 222.000 | 70.786 | 1.176  | 138.735 | 305.265  | 2000.000 |       |
| Cobalt, total  | ug/L  | MW-60   | 4 | 2.200   | 2.961  | 1.176  | 0.000   | 5.683    | 2.100    |       |
| Copper, total  | ug/L  | MW-60   | 4 | 2.625   | 1.250  | 1.176  | 1.155   | 4.095    | 1300.000 |       |
| Nickel, total  | ug/L  | MW-60   | 4 | 15.725  | 14.055 | 1.176  | 0.000   | 32.257   | 100.000  |       |
| Arsenic, total | ug/L  | MW-61   | 4 | 2.000   | 0.000  | 1.176  | 2.000   | 2.000    | 10.000   | dec   |
| Barium, total  | ug/L  | MW-61   | 4 | 86.175  | 73.232 | 1.176  | 0.033   | 172.317  | 2000.000 |       |
| Cobalt, total  | ug/L  | MW-61   | 4 | 0.400   | 0.000  | 1.176  | 0.400   | 0.400    | 2.100    |       |
| Copper, total  | ug/L  | MW-61   | 4 | 2.750   | 1.500  | 1.176  | 0.986   | 4.514    | 1300.000 |       |
| Nickel, total  | ug/L  | MW-61   | 4 | 3.600   | 1.876  | 1.176  | 1.393   | 5.807    | 100.000  |       |
| Arsenic, total | ug/L  | MW-62R  | 4 | 2.000   | 0.000  | 1.176  | 2.000   | 2.000    | 10.000   | inc   |
| Barium, total  | ug/L  | MW-62R  | 4 | 987.750 | 51.448 | 1.176  | 927.232 | 1048.268 | 2000.000 |       |
| Cobalt, total  | ug/L  | MW-62R  | 4 | 0.400   | 0.000  | 1.176  | 0.400   | 0.400    | 2.100    |       |
| Copper, total  | ug/L  | MW-62R  | 4 | 2.000   | 0.000  | 1.176  | 2.000   | 2.000    | 1300.000 |       |
| Nickel, total  | ug/L  | MW-62R  | 4 | 2.000   | 0.000  | 1.176  | 2.000   | 2.000    | 100.000  |       |
| Arsenic, total | ug/L  | MW-80   | 4 | 2.650   | 1.300  | 1.176  | 1.121   | 4.179    | 10.000   | dec   |
| Barium, total  | ug/L  | MW-80   | 4 | 134.750 | 8.180  | 1.176  | 125.128 | 144.372  | 2000.000 |       |
| Cobalt, total  | ug/L  | MW-80   | 4 | 1.150   | 0.507  | 1.176  | 0.554   | 1.746    | 2.100    | dec   |
| Copper, total  | ug/L  | MW-80   | 4 | 2.000   | 0.000  | 1.176  | 2.000   | 2.000    | 1300.000 |       |
| Nickel, total  | ug/L  | MW-80   | 4 | 2.000   | 0.000  | 1.176  | 2.000   | 2.000    | 100.000  |       |
| Arsenic, total | ug/L  | SW-101R | 4 | 3.200   | 1.407  | 1.176  | 1.545   | 4.855    | 10.000   |       |
| Barium, total  | ug/L  | SW-101R | 4 | 237.250 | 10.372 | 1.176  | 225.049 | 249.451  | 2000.000 |       |
| Cobalt, total  | ug/L  | SW-101R | 4 | 3.025   | 1.247  | 1.176  | 1.558   | 4.492    | 2.100    |       |
| Copper, total  | ug/L  | SW-101R | 4 | 2.925   | 1.850  | 1.176  | 0.749   | 5.101    | 1300.000 |       |
| Nickel, total  | ug/L  | SW-101R | 4 | 3.400   | 1.619  | 1.176  | 1.496   | 5.304    | 100.000  |       |

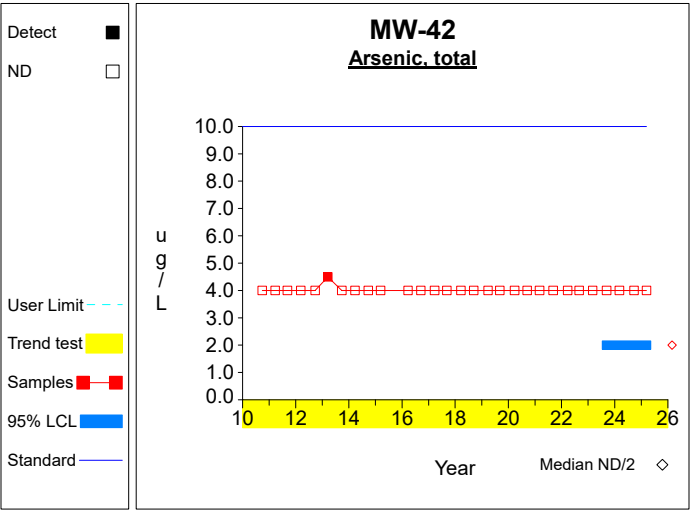
\* - Insufficient Data

\*\* - Significant Exceedance

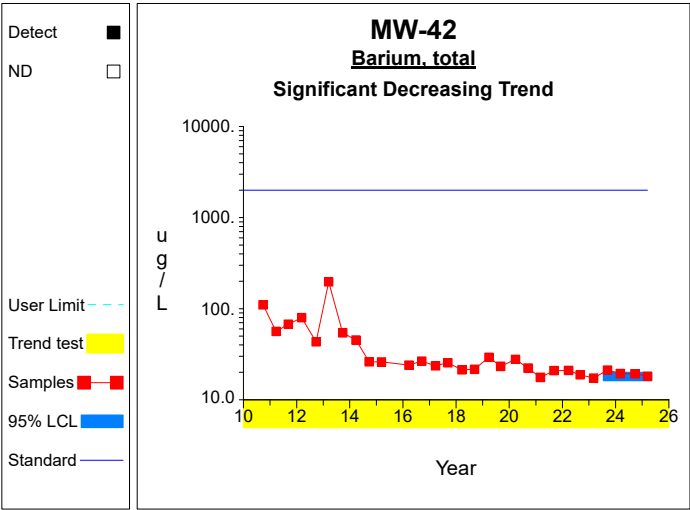
LCL = Lower Confidence Limit

UCL = Upper Confidence Limit

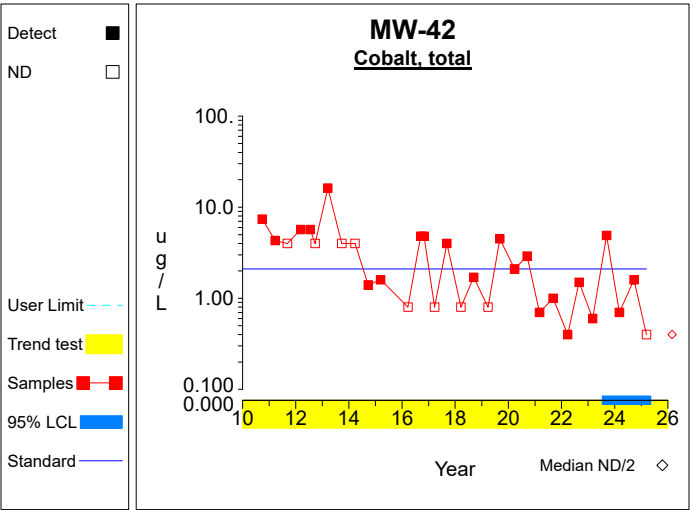
Confidence Limits (Assessment)



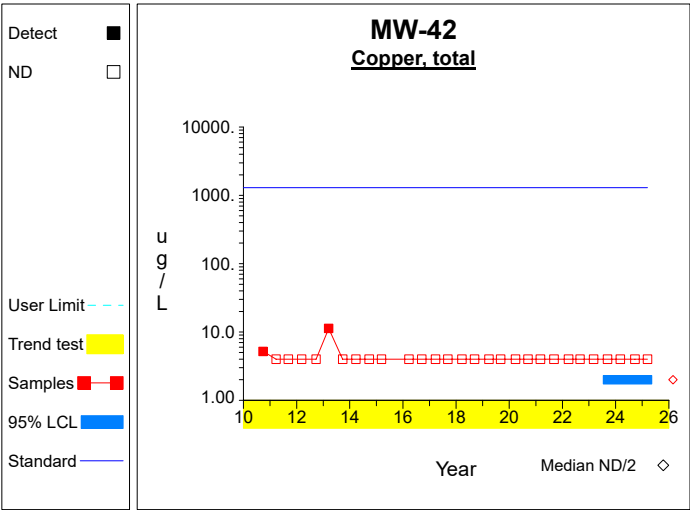
Graph 1



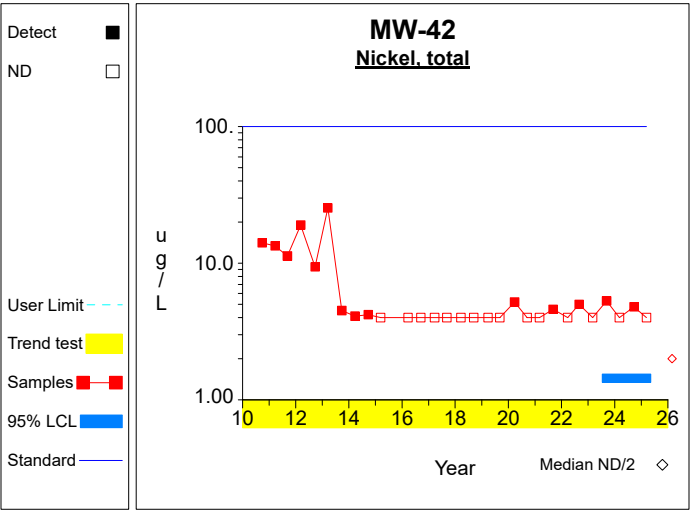
Graph 2



Graph 3

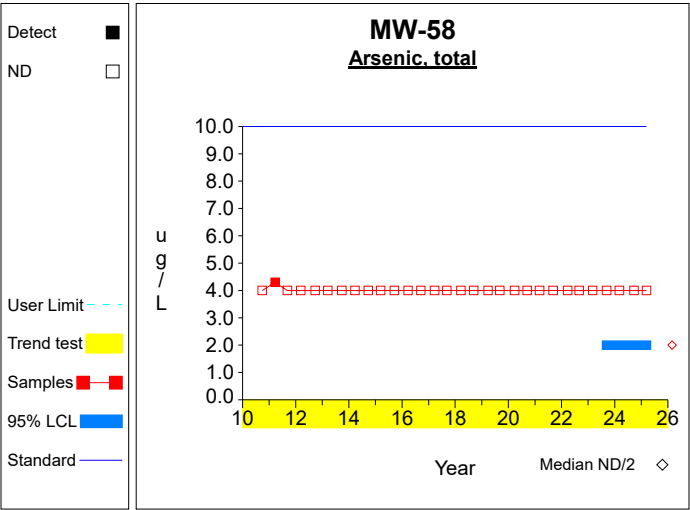


Graph 4

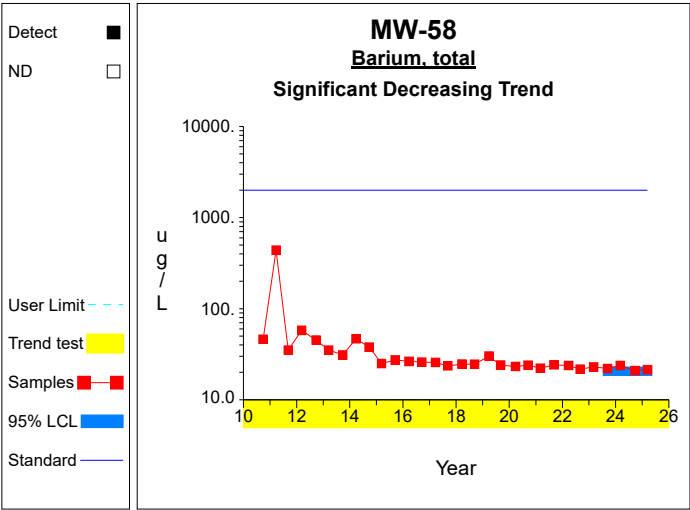


Graph 5

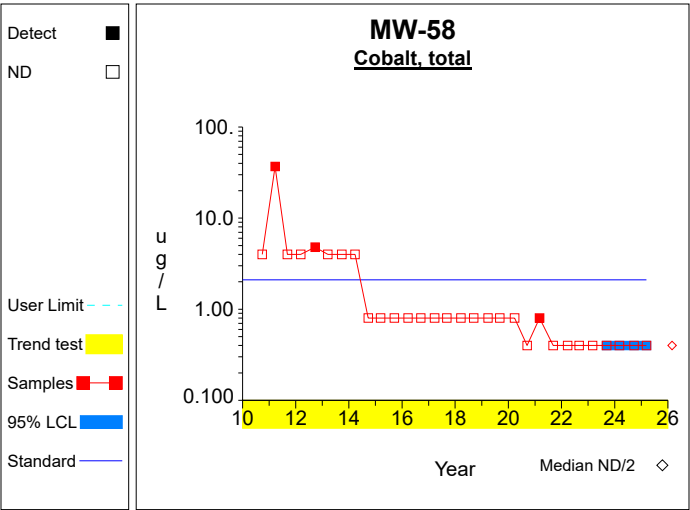
**Confidence Limits (Assessment)**



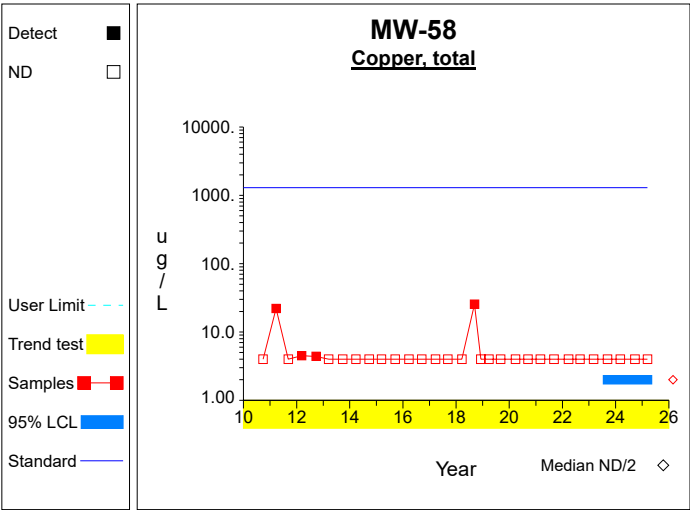
**Graph 6**



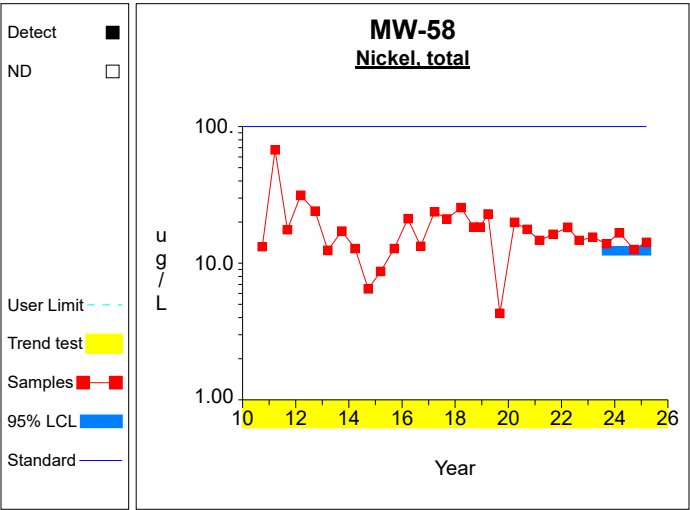
**Graph 7**



**Graph 8**

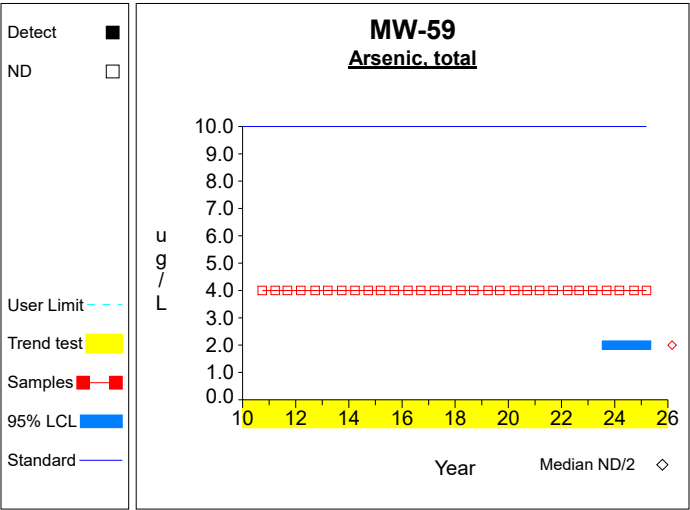


**Graph 9**

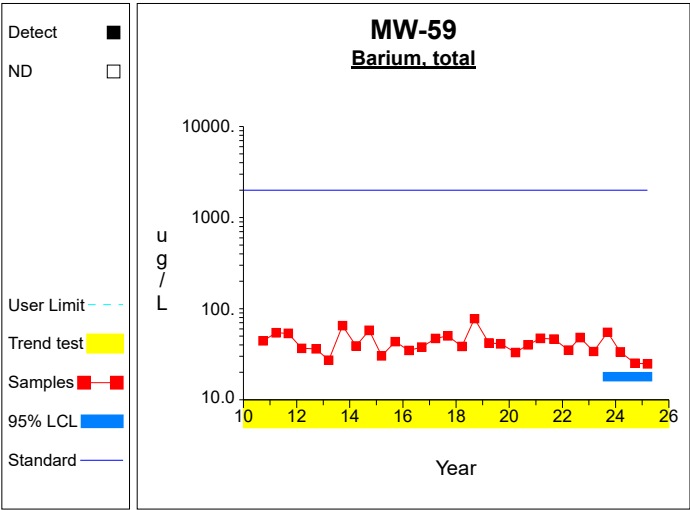


**Graph 10**

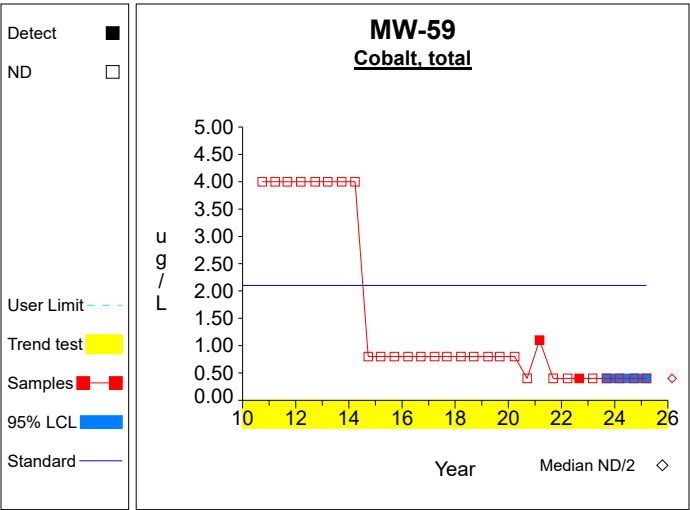
Confidence Limits (Assessment)



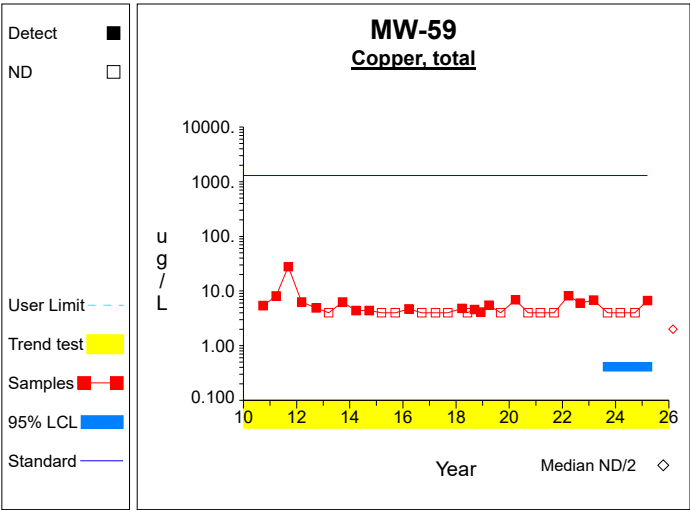
Graph 11



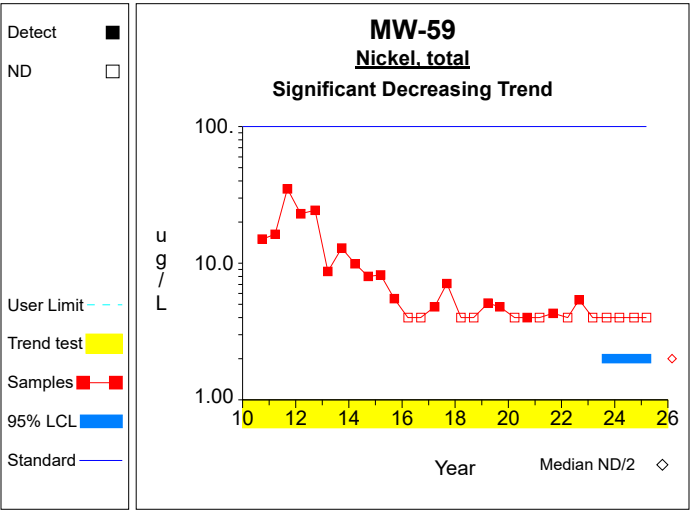
Graph 12



Graph 13

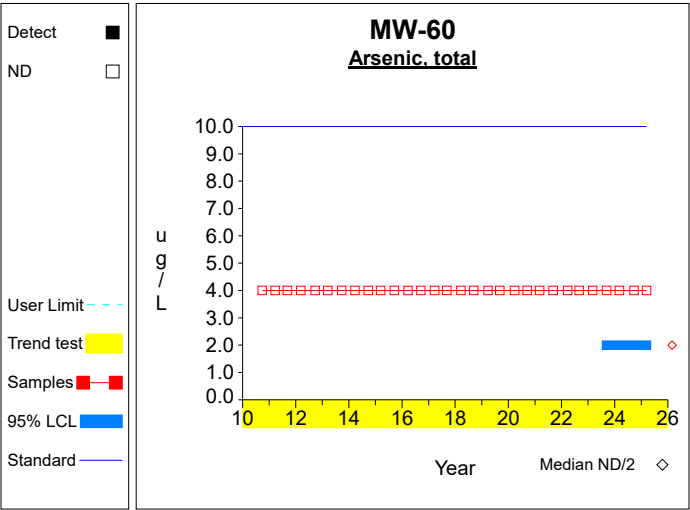


Graph 14

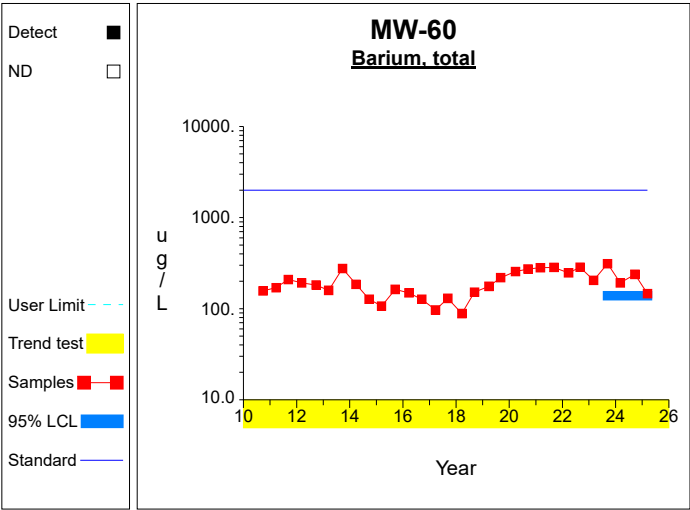


Graph 15

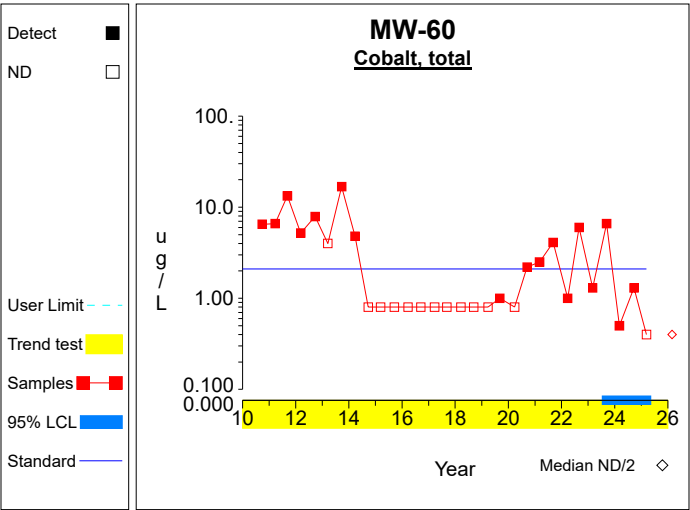
Confidence Limits (Assessment)



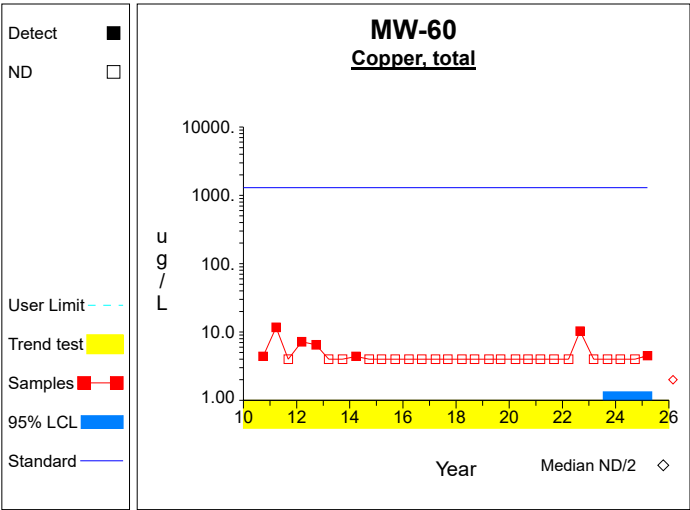
Graph 16



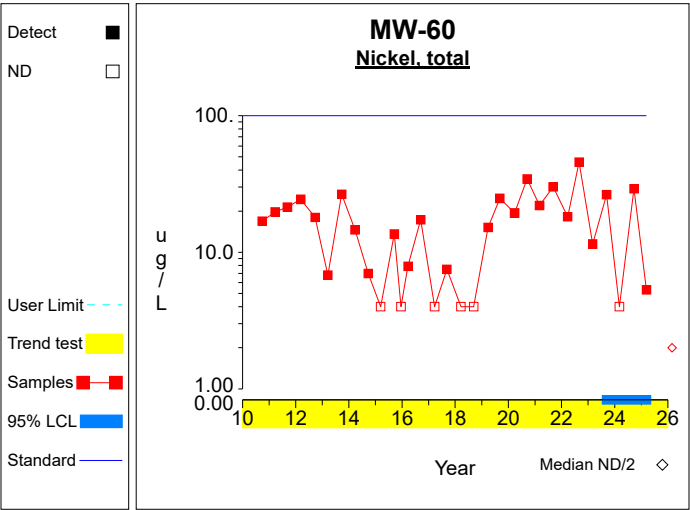
Graph 17



Graph 18

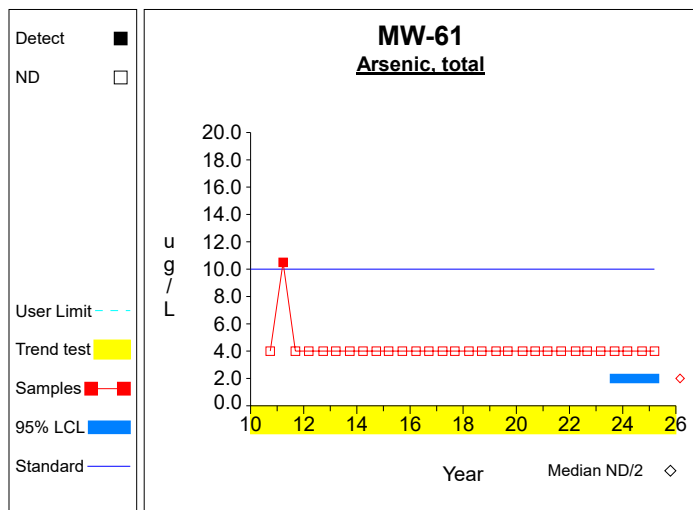


Graph 19

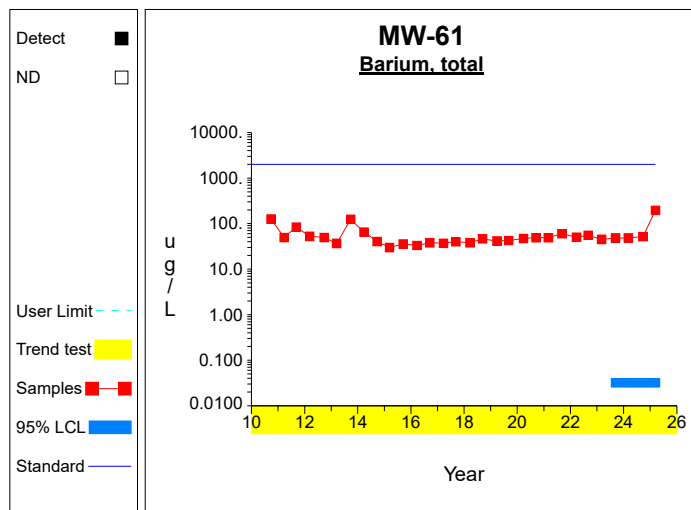


Graph 20

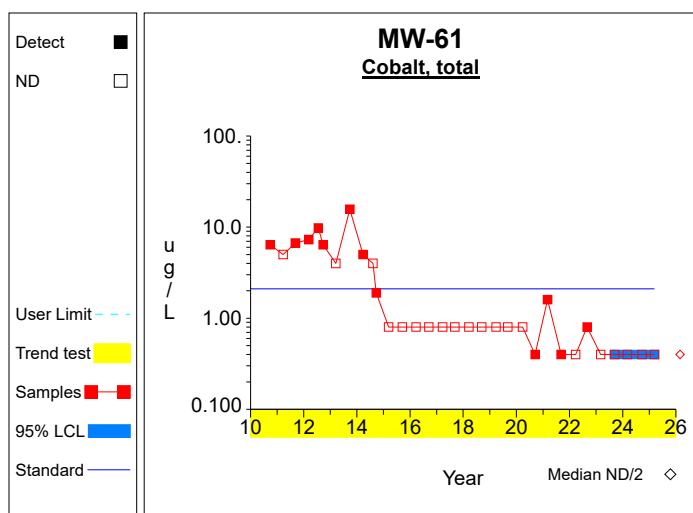
## Confidence Limits (Assessment)



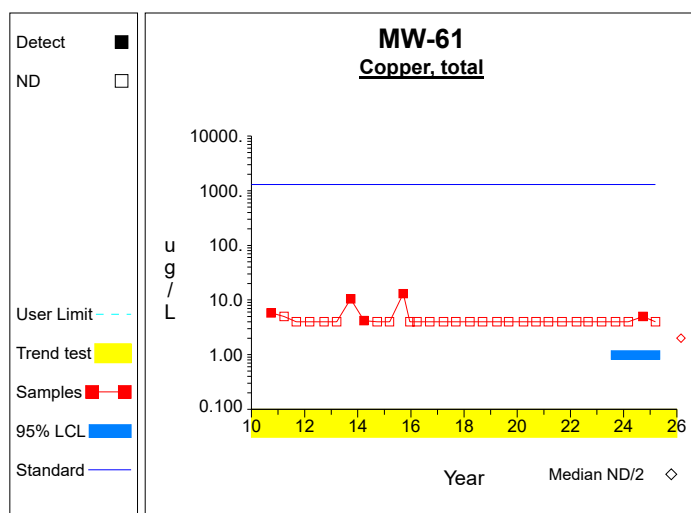
**Graph 21**



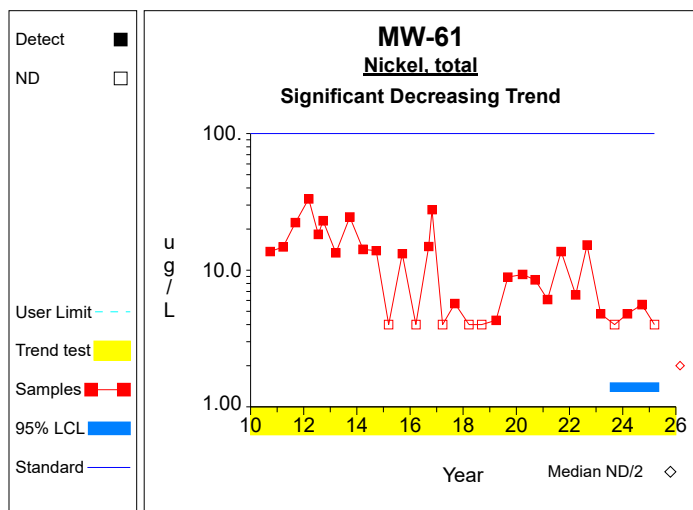
**Graph 22**



**Graph 23**

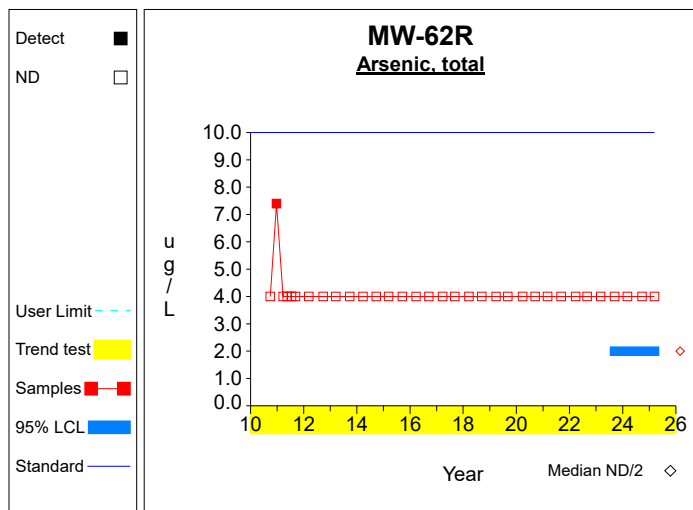


**Graph 24**

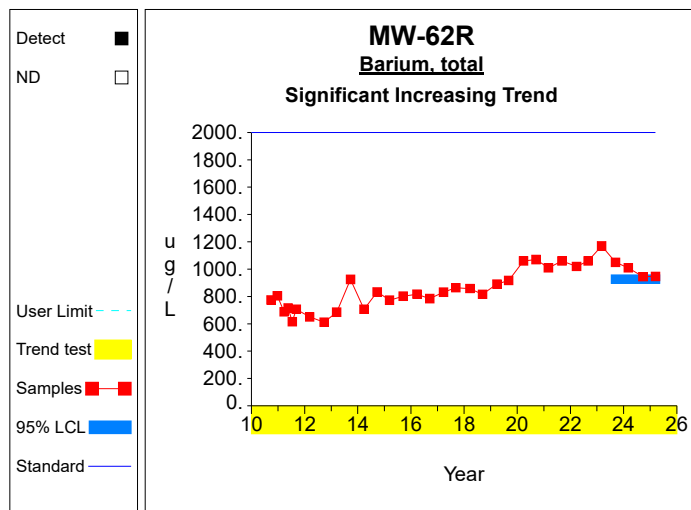


**Graph 25**

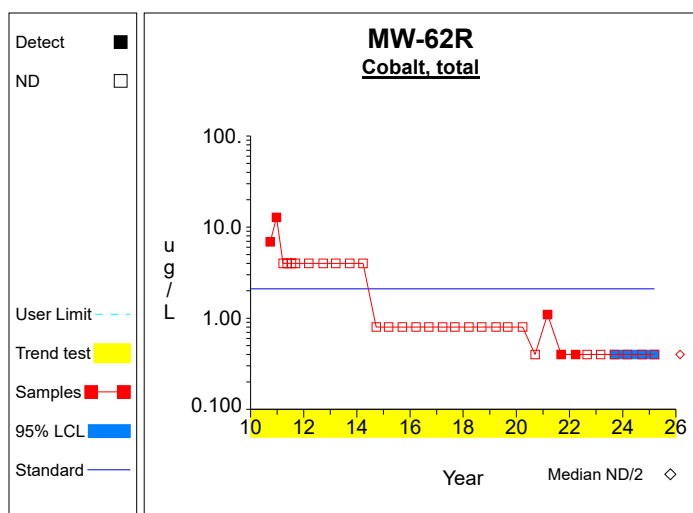
## Confidence Limits (Assessment)



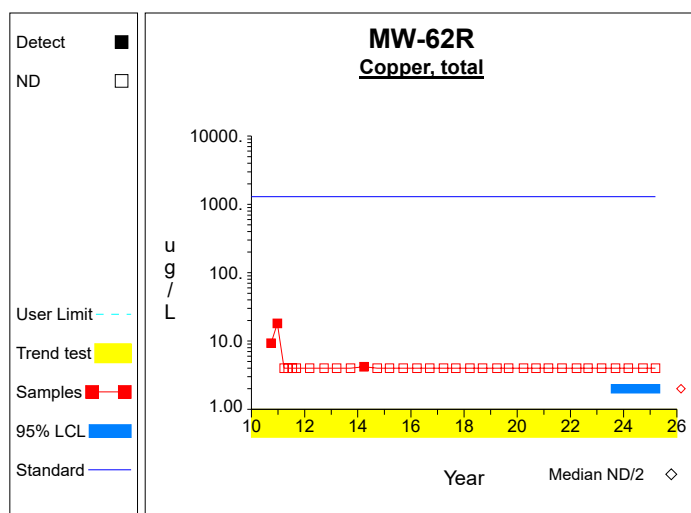
**Graph 26**



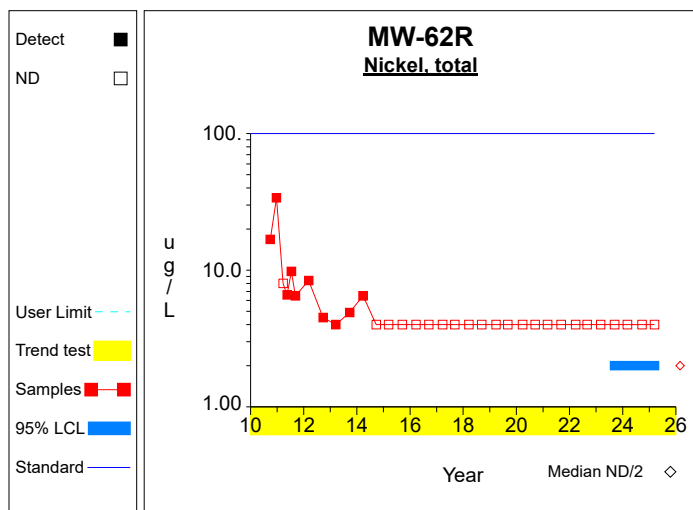
**Graph 27**



**Graph 28**



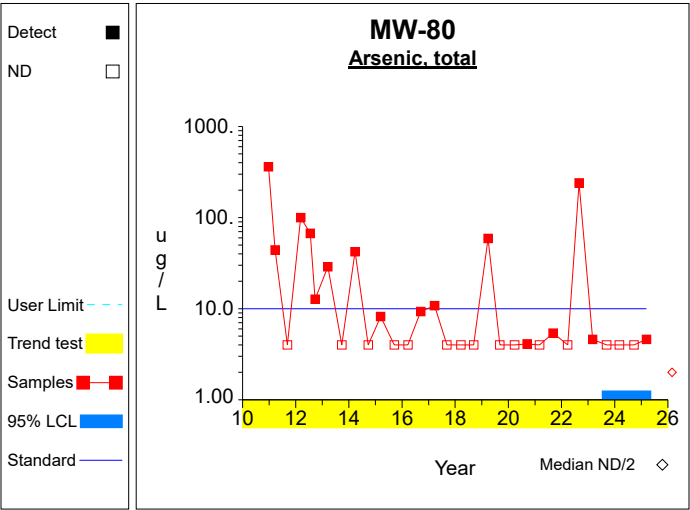
**Graph 29**



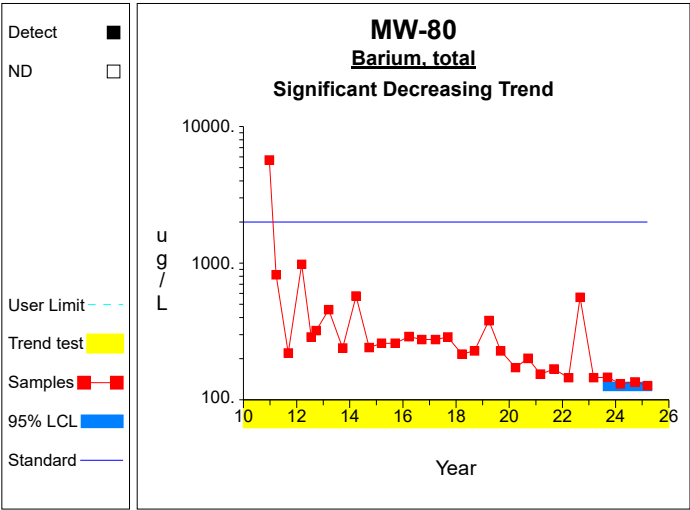
**Graph 30**



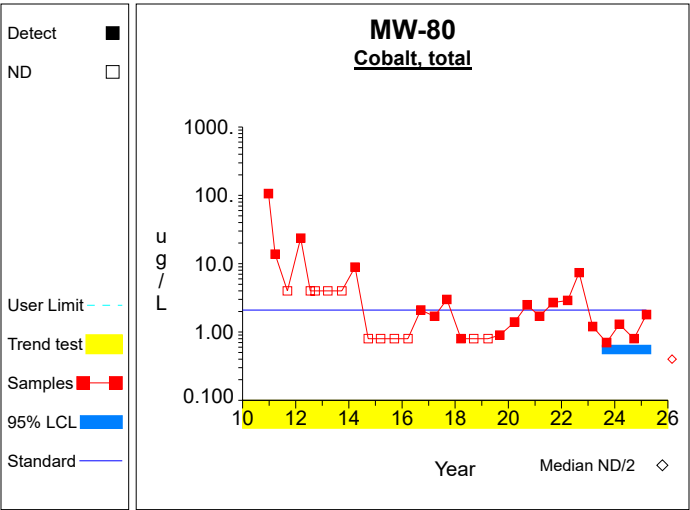
Confidence Limits (Assessment)



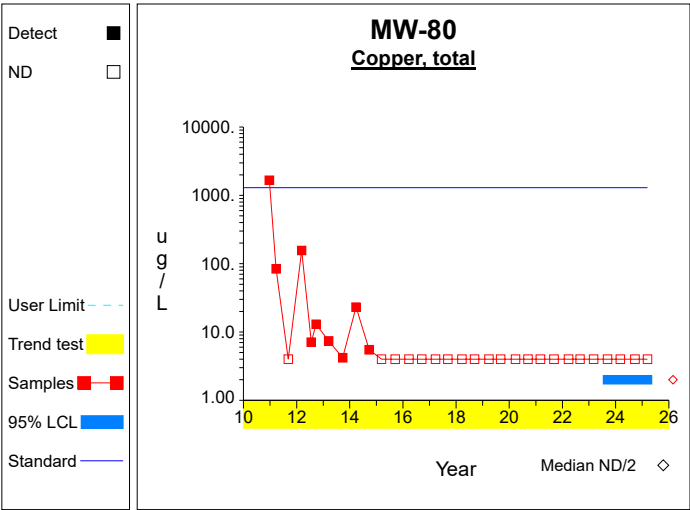
Graph 31



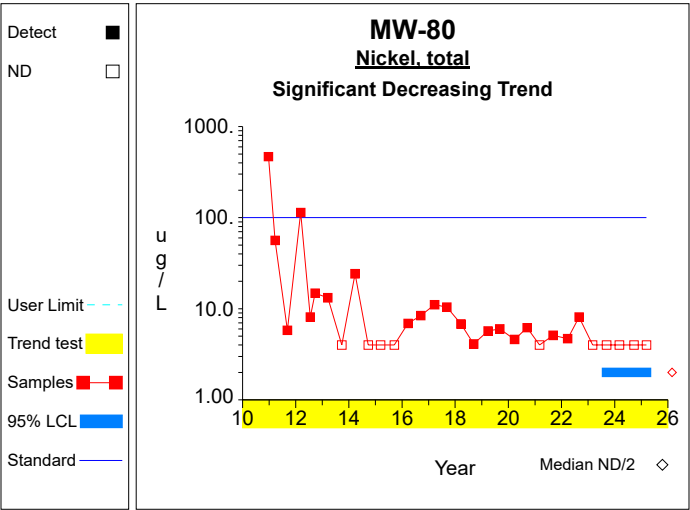
Graph 32



Graph 33

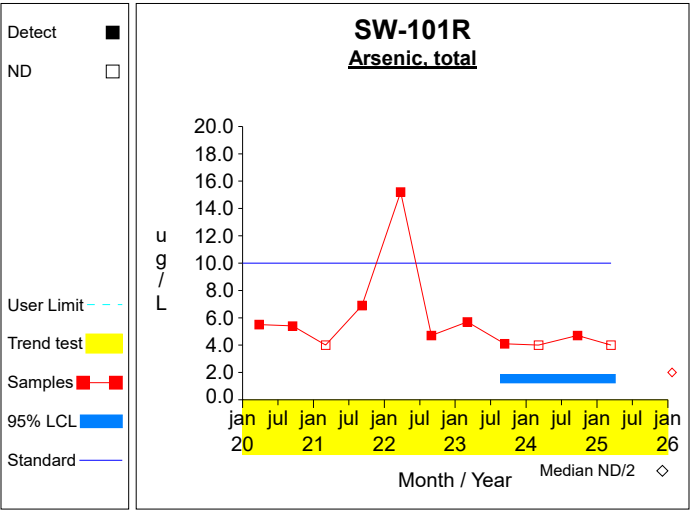


Graph 34

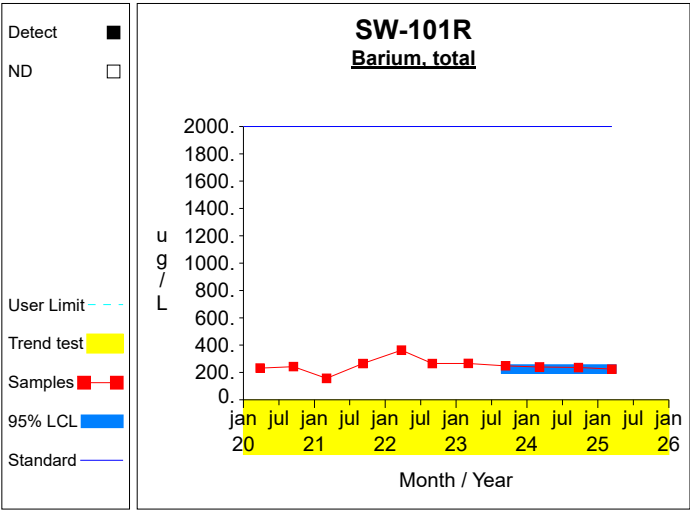


Graph 35

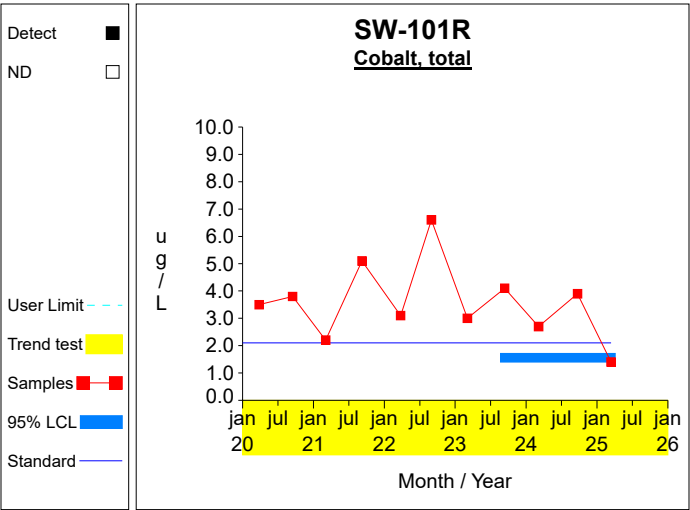
Confidence Limits (Assessment)



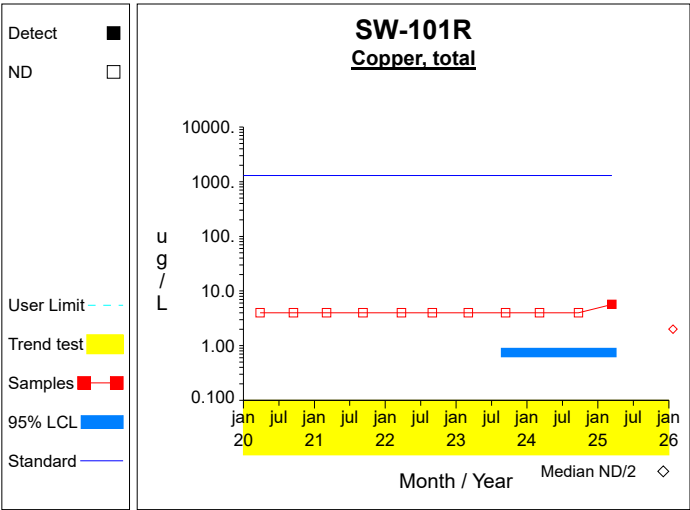
Graph 36



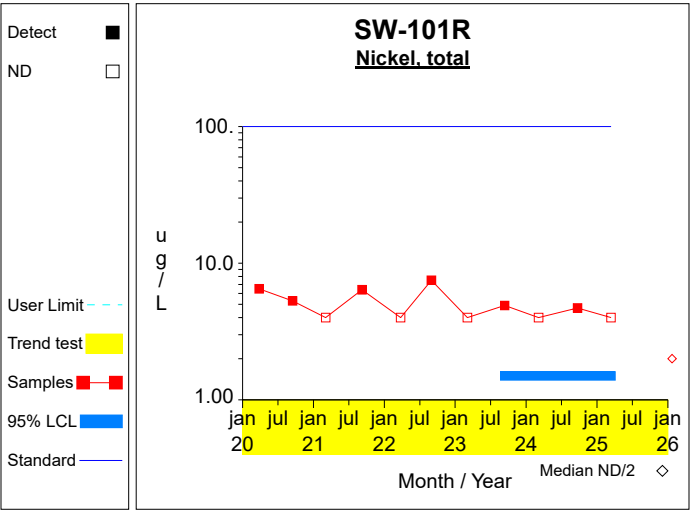
Graph 37



Graph 38



Graph 39



Graph 40

**Attachment D**

Summary Tables and Graphs for the Interwell Comparisons – Old Landfill

Table 1

## Upgradient Data

| Constituent      | Units | Well  | Date       |    | Result   | Adjusted |  |
|------------------|-------|-------|------------|----|----------|----------|--|
| Antimony, total  | ug/L  | MW-39 | 09/24/2014 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 12/05/2014 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/11/2015 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 06/16/2015 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/17/2015 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/22/2016 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/15/2016 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/23/2017 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/08/2017 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/19/2018 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/11/2018 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/26/2019 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/04/2019 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/26/2020 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/15/2020 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/02/2021 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/07/2021 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/24/2022 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 08/31/2022 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/02/2023 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/12/2023 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/04/2024 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 09/23/2024 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-39 | 03/12/2025 | ND | 2.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/17/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/15/2016 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/26/2019 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/04/2019 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/26/2020 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/15/2020 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/02/2021 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/07/2021 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/24/2022 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 08/31/2022 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/02/2023 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/12/2023 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/04/2024 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 09/23/2024 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-39 | 03/12/2025 | ND | 4.0000   |          |  |
| Barium, total    | ug/L  | MW-39 | 09/24/2014 |    | 60.6000  |          |  |
| Barium, total    | ug/L  | MW-39 | 12/05/2014 |    | 139.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/11/2015 |    | 136.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 06/16/2015 |    | 148.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/17/2015 |    | 128.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/22/2016 |    | 123.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/15/2016 |    | 103.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/23/2017 |    | 129.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/08/2017 |    | 117.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/19/2018 |    | 131.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/11/2018 |    | 114.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/26/2019 |    | 121.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/04/2019 |    | 138.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/26/2020 |    | 150.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/15/2020 |    | 136.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/02/2021 |    | 125.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/07/2021 |    | 141.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/24/2022 |    | 137.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 08/31/2022 |    | 132.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/02/2023 |    | 134.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/12/2023 |    | 133.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/04/2024 |    | 128.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 09/23/2024 |    | 119.0000 |          |  |
| Barium, total    | ug/L  | MW-39 | 03/12/2025 |    | 135.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000   |          |  |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent      | Units | Well  | Date       |    | Result | Adjusted |  |
|------------------|-------|-------|------------|----|--------|----------|--|
| Beryllium, total | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/17/2015 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/15/2016 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/26/2019 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/04/2019 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/26/2020 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/15/2020 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/02/2021 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/07/2021 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/24/2022 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 08/31/2022 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/02/2023 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/12/2023 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/04/2024 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 09/23/2024 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-39 | 03/12/2025 | ND | 4.0000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/24/2014 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 12/05/2014 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/11/2015 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 06/16/2015 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/17/2015 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/22/2016 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/15/2016 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/23/2017 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/08/2017 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/19/2018 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/11/2018 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/26/2019 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/04/2019 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/26/2020 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/15/2020 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/02/2021 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/07/2021 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/24/2022 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 08/31/2022 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/02/2023 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/12/2023 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/04/2024 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 09/23/2024 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-39 | 03/12/2025 | ND | 0.8000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/24/2014 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 12/05/2014 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/11/2015 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 06/16/2015 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/17/2015 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/22/2016 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/15/2016 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/23/2017 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/08/2017 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/19/2018 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/11/2018 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/26/2019 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/04/2019 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/26/2020 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/15/2020 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/02/2021 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/07/2021 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/24/2022 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 08/31/2022 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/02/2023 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/12/2023 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/04/2024 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 09/23/2024 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-39 | 03/12/2025 | ND | 8.0000 |          |  |
| Cobalt, total    | ug/L  | MW-39 | 09/24/2014 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-39 | 12/05/2014 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-39 | 03/11/2015 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-39 | 06/16/2015 | ND | 0.8000 |          |  |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent   | Units | Well  | Date       |    | Result | Adjusted |    |
|---------------|-------|-------|------------|----|--------|----------|----|
| Cobalt, total | ug/L  | MW-39 | 09/17/2015 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 03/22/2016 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 09/15/2016 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 03/23/2017 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 09/08/2017 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 03/19/2018 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 09/11/2018 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 03/26/2019 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 09/04/2019 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 03/26/2020 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 09/15/2020 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-39 | 03/02/2021 |    | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 09/07/2021 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-39 | 03/24/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-39 | 08/31/2022 |    | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-39 | 03/02/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-39 | 09/12/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-39 | 03/04/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-39 | 09/23/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-39 | 03/12/2025 | ND | 0.4000 | 0.8000   | ** |
| Copper, total | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/17/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/15/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/26/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/04/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/26/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/15/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/02/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/07/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/24/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 08/31/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/02/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/12/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/04/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 09/23/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39 | 03/12/2025 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/17/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/15/2016 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/26/2019 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/04/2019 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/26/2020 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/15/2020 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/02/2021 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/07/2021 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/24/2022 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 08/31/2022 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/02/2023 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/12/2023 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/04/2024 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 09/23/2024 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39 | 03/12/2025 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39 | 09/17/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well  | Date       |    | Result | Adjusted |    |
|-----------------|-------|-------|------------|----|--------|----------|----|
| Nickel, total   | ug/L  | MW-39 | 09/15/2016 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/26/2019 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 09/04/2019 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/26/2020 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 09/15/2020 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/02/2021 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 09/07/2021 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/24/2022 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 08/31/2022 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/02/2023 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 09/12/2023 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/04/2024 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 09/23/2024 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-39 | 03/12/2025 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/17/2015 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/15/2016 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/26/2019 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/04/2019 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/26/2020 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/15/2020 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/02/2021 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/07/2021 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/24/2022 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 08/31/2022 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/02/2023 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/12/2023 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/04/2024 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 09/23/2024 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-39 | 03/12/2025 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/17/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/15/2016 |    | 6.4000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/26/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/04/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/26/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/15/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/02/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/07/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/24/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 08/31/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/02/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/12/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/04/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 09/23/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39 | 03/12/2025 | ND | 4.0000 |          |    |
| Thallium, total | ug/L  | MW-39 | 09/24/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 12/05/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 03/11/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 06/16/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 09/17/2015 |    | 2.4000 |          |    |
| Thallium, total | ug/L  | MW-39 | 03/22/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 09/15/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 03/23/2017 | ND | 4.0000 | 2.0000   | ** |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well  | Date       |    | Result  | Adjusted |    |
|-----------------|-------|-------|------------|----|---------|----------|----|
| Thallium, total | ug/L  | MW-39 | 09/08/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 03/19/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 09/11/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39 | 03/26/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 09/04/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 03/26/2020 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 09/15/2020 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 03/02/2021 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 09/07/2021 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 03/24/2022 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 08/31/2022 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 03/02/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 09/12/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 03/04/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 09/23/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-39 | 03/12/2025 | ND | 2.0000  |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/24/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 12/05/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/11/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 06/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/17/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/22/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/15/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/23/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/08/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/19/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/11/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/26/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/04/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/26/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/15/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/02/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/07/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/24/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 08/31/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/02/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/12/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/04/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 09/23/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39 | 03/12/2025 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 09/24/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 12/05/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 03/11/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 06/16/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 09/17/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 03/22/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 09/15/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 03/23/2017 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 09/08/2017 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 03/19/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 09/11/2018 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 03/26/2019 |    | 24.6000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 09/04/2019 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39 | 03/26/2020 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 09/15/2020 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 03/02/2021 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 09/07/2021 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 03/24/2022 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 08/31/2022 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 03/02/2023 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 09/12/2023 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 03/04/2024 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 09/23/2024 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39 | 03/12/2025 | ND | 20.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/24/2014 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 12/05/2014 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 03/11/2015 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 06/16/2015 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 09/16/2015 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 03/22/2016 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 09/14/2016 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 03/23/2017 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 09/08/2017 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-48 | 03/19/2018 | ND | 2.0000  |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.



Table 1

## Upgradient Data

| Constituent      | Units | Well  | Date       |    | Result   | Adjusted |  |
|------------------|-------|-------|------------|----|----------|----------|--|
| Antimony, total  | ug/L  | MW-48 | 09/11/2018 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 03/26/2019 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 09/04/2019 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 03/26/2020 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 09/15/2020 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 03/02/2021 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 09/07/2021 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 03/24/2022 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 08/31/2022 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 03/02/2023 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 09/12/2023 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 03/04/2024 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 09/23/2024 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-48 | 03/12/2025 | ND | 2.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/26/2019 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/04/2019 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/26/2020 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/15/2020 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/02/2021 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/07/2021 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/24/2022 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 08/31/2022 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/02/2023 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/12/2023 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/04/2024 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 09/23/2024 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-48 | 03/12/2025 | ND | 4.0000   |          |  |
| Barium, total    | ug/L  | MW-48 | 09/24/2014 |    | 181.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 12/05/2014 |    | 168.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/11/2015 |    | 143.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 06/16/2015 |    | 161.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/16/2015 |    | 150.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/22/2016 |    | 153.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/14/2016 |    | 140.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/23/2017 |    | 146.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/08/2017 |    | 171.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/19/2018 |    | 145.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/11/2018 |    | 151.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/26/2019 |    | 153.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/04/2019 |    | 160.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/26/2020 |    | 156.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/15/2020 |    | 152.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/02/2021 |    | 159.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/07/2021 |    | 149.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/24/2022 |    | 143.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 08/31/2022 |    | 157.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/02/2023 |    | 149.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/12/2023 |    | 168.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/04/2024 |    | 149.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 09/23/2024 |    | 148.0000 |          |  |
| Barium, total    | ug/L  | MW-48 | 03/12/2025 |    | 153.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/26/2019 | ND | 4.0000   |          |  |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent      | Units | Well  | Date       |    | Result | Adjusted |  |
|------------------|-------|-------|------------|----|--------|----------|--|
| Beryllium, total | ug/L  | MW-48 | 09/04/2019 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/26/2020 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/15/2020 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/02/2021 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/07/2021 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/24/2022 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 08/31/2022 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/02/2023 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/12/2023 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/04/2024 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 09/23/2024 | ND | 4.0000 |          |  |
| Beryllium, total | ug/L  | MW-48 | 03/12/2025 | ND | 4.0000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/24/2014 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 12/05/2014 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/11/2015 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 06/16/2015 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/16/2015 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/22/2016 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/14/2016 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/23/2017 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/08/2017 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/19/2018 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/11/2018 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/26/2019 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/04/2019 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/26/2020 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/15/2020 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/02/2021 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/07/2021 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/24/2022 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 08/31/2022 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/02/2023 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/12/2023 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/04/2024 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 09/23/2024 | ND | 0.8000 |          |  |
| Cadmium, total   | ug/L  | MW-48 | 03/12/2025 | ND | 0.8000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/24/2014 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 12/05/2014 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/11/2015 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 06/16/2015 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/16/2015 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/22/2016 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/14/2016 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/23/2017 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/08/2017 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/19/2018 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/11/2018 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/26/2019 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/04/2019 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/26/2020 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/15/2020 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/02/2021 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/07/2021 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/24/2022 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 08/31/2022 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/02/2023 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/12/2023 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/04/2024 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 09/23/2024 | ND | 8.0000 |          |  |
| Chromium, total  | ug/L  | MW-48 | 03/12/2025 | ND | 8.0000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 09/24/2014 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 12/05/2014 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 03/11/2015 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 06/16/2015 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 09/16/2015 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 03/22/2016 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 09/14/2016 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 03/23/2017 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 09/08/2017 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 03/19/2018 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 09/11/2018 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 03/26/2019 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 09/04/2019 | ND | 0.8000 |          |  |
| Cobalt, total    | ug/L  | MW-48 | 03/26/2020 | ND | 0.8000 |          |  |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent   | Units | Well  | Date       |    | Result | Adjusted |    |
|---------------|-------|-------|------------|----|--------|----------|----|
| Cobalt, total | ug/L  | MW-48 | 09/15/2020 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48 | 03/02/2021 |    | 0.9000 |          |    |
| Cobalt, total | ug/L  | MW-48 | 09/07/2021 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48 | 03/24/2022 |    | 0.4000 |          |    |
| Cobalt, total | ug/L  | MW-48 | 08/31/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48 | 03/02/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48 | 09/12/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48 | 03/04/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48 | 09/23/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48 | 03/12/2025 | ND | 0.4000 | 0.8000   | ** |
| Copper, total | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/26/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/04/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/26/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/15/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/02/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/07/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/24/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 08/31/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/02/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/12/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/04/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 09/23/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48 | 03/12/2025 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/26/2019 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/04/2019 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/26/2020 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/15/2020 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/02/2021 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/07/2021 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/24/2022 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 08/31/2022 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/02/2023 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/12/2023 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/04/2024 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 09/23/2024 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-48 | 03/12/2025 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 03/26/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 09/04/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 03/26/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 09/15/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48 | 03/02/2021 | ND | 4.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well  | Date       |    | Result | Adjusted |    |
|-----------------|-------|-------|------------|----|--------|----------|----|
| Nickel, total   | ug/L  | MW-48 | 09/07/2021 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-48 | 03/24/2022 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-48 | 08/31/2022 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-48 | 03/02/2023 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-48 | 09/12/2023 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-48 | 03/04/2024 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-48 | 09/23/2024 | ND | 4.0000 |          |    |
| Nickel, total   | ug/L  | MW-48 | 03/12/2025 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/26/2019 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/04/2019 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/26/2020 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/15/2020 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/02/2021 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/07/2021 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/24/2022 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 08/31/2022 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/02/2023 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/12/2023 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/04/2024 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 09/23/2024 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-48 | 03/12/2025 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/26/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/04/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/26/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/15/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/02/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/07/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/24/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 08/31/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/02/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/12/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/04/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 09/23/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48 | 03/12/2025 | ND | 4.0000 |          |    |
| Thallium, total | ug/L  | MW-48 | 09/24/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 12/05/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 03/11/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 06/16/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 09/16/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 03/22/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 09/14/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 03/23/2017 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 09/08/2017 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 03/19/2018 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 09/11/2018 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48 | 03/26/2019 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48 | 09/04/2019 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48 | 03/26/2020 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48 | 09/15/2020 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48 | 03/02/2021 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48 | 09/07/2021 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48 | 03/24/2022 | ND | 2.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well  | Date       |    | Result  | Adjusted |    |
|-----------------|-------|-------|------------|----|---------|----------|----|
| Thallium, total | ug/L  | MW-48 | 08/31/2022 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-48 | 03/02/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-48 | 09/12/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-48 | 03/04/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-48 | 09/23/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-48 | 03/12/2025 | ND | 2.0000  |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/24/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 12/05/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/11/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 06/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/22/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/14/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/23/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/08/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/19/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/11/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/26/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/04/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/26/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/15/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/02/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/07/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/24/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 08/31/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/02/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/12/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/04/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 09/23/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48 | 03/12/2025 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 09/24/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 12/05/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 03/11/2015 |    | 32.3000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 06/16/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 09/16/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 03/22/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 09/14/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 03/23/2017 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 09/08/2017 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 03/19/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 09/11/2018 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 03/26/2019 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 09/04/2019 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48 | 03/26/2020 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 09/15/2020 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 03/02/2021 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 09/07/2021 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 03/24/2022 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 08/31/2022 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 03/02/2023 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 09/12/2023 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 03/04/2024 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 09/23/2024 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48 | 03/12/2025 | ND | 20.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/24/2014 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 12/05/2014 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/11/2015 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 06/16/2015 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 09/16/2015 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/22/2016 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 09/15/2016 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/23/2017 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 09/08/2017 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/19/2018 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 09/11/2018 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/26/2019 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 09/04/2019 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/26/2020 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 09/15/2020 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/02/2021 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 09/07/2021 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/24/2022 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 08/31/2022 | ND | 2.0000  |          |    |
| Antimony, total | ug/L  | MW-78 | 03/02/2023 | ND | 2.0000  |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent      | Units | Well  | Date       |    | Result   | Adjusted |  |
|------------------|-------|-------|------------|----|----------|----------|--|
| Antimony, total  | ug/L  | MW-78 | 09/12/2023 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-78 | 03/04/2024 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-78 | 09/23/2024 | ND | 2.0000   |          |  |
| Antimony, total  | ug/L  | MW-78 | 03/12/2025 | ND | 2.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/24/2014 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 12/05/2014 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/11/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 06/16/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/16/2015 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/22/2016 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/15/2016 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/23/2017 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/08/2017 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/19/2018 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/11/2018 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/26/2019 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/04/2019 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/26/2020 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/15/2020 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/02/2021 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/07/2021 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/24/2022 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 08/31/2022 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/02/2023 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/12/2023 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/04/2024 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 09/23/2024 | ND | 4.0000   |          |  |
| Arsenic, total   | ug/L  | MW-78 | 03/12/2025 | ND | 4.0000   |          |  |
| Barium, total    | ug/L  | MW-78 | 09/24/2014 |    | 304.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 12/05/2014 |    | 291.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/11/2015 |    | 304.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 06/16/2015 |    | 329.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/16/2015 |    | 298.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/22/2016 |    | 309.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/15/2016 |    | 311.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/23/2017 |    | 307.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/08/2017 |    | 357.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/19/2018 |    | 320.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/11/2018 |    | 295.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/26/2019 |    | 285.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/04/2019 |    | 332.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/26/2020 |    | 304.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/15/2020 |    | 319.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/02/2021 |    | 304.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/07/2021 |    | 332.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/24/2022 |    | 291.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 08/31/2022 |    | 340.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/02/2023 |    | 345.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/12/2023 |    | 309.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/04/2024 |    | 341.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 09/23/2024 |    | 284.0000 |          |  |
| Barium, total    | ug/L  | MW-78 | 03/12/2025 |    | 283.0000 |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/24/2014 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 12/05/2014 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/11/2015 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 06/16/2015 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/16/2015 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/22/2016 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/15/2016 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/23/2017 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/08/2017 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/19/2018 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/11/2018 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/26/2019 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/04/2019 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/26/2020 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/15/2020 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/02/2021 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/07/2021 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/24/2022 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 08/31/2022 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/02/2023 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 09/12/2023 | ND | 4.0000   |          |  |
| Beryllium, total | ug/L  | MW-78 | 03/04/2024 | ND | 4.0000   |          |  |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent      | Units | Well  | Date       |    | Result | Adjusted |    |
|------------------|-------|-------|------------|----|--------|----------|----|
| Beryllium, total | ug/L  | MW-78 | 09/23/2024 | ND | 4.0000 |          |    |
| Beryllium, total | ug/L  | MW-78 | 03/12/2025 | ND | 4.0000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/24/2014 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 12/05/2014 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/11/2015 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 06/16/2015 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/16/2015 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/22/2016 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/15/2016 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/23/2017 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/08/2017 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/19/2018 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/11/2018 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/26/2019 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/04/2019 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/26/2020 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/15/2020 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/02/2021 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/07/2021 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/24/2022 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 08/31/2022 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/02/2023 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/12/2023 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/04/2024 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 09/23/2024 | ND | 0.8000 |          |    |
| Cadmium, total   | ug/L  | MW-78 | 03/12/2025 | ND | 0.8000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/24/2014 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 12/05/2014 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/11/2015 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 06/16/2015 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/16/2015 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/22/2016 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/15/2016 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/23/2017 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/08/2017 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/19/2018 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/11/2018 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/26/2019 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/04/2019 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/26/2020 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/15/2020 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/02/2021 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/07/2021 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/24/2022 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 08/31/2022 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/02/2023 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/12/2023 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/04/2024 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 09/23/2024 | ND | 8.0000 |          |    |
| Chromium, total  | ug/L  | MW-78 | 03/12/2025 | ND | 8.0000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/24/2014 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 12/05/2014 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 03/11/2015 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 06/16/2015 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/16/2015 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 03/22/2016 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/15/2016 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 03/23/2017 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/08/2017 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 03/19/2018 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/11/2018 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 03/26/2019 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/04/2019 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 03/26/2020 | ND | 0.8000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/15/2020 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 03/02/2021 |    | 1.0000 |          |    |
| Cobalt, total    | ug/L  | MW-78 | 09/07/2021 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 03/24/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 08/31/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 03/02/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 09/12/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 03/04/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 09/23/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total    | ug/L  | MW-78 | 03/12/2025 | ND | 0.4000 | 0.8000   | ** |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well  | Date       |    | Result | Adjusted |  |
|-----------------|-------|-------|------------|----|--------|----------|--|
| Copper, total   | ug/L  | MW-78 | 09/24/2014 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 12/05/2014 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/11/2015 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 06/16/2015 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/16/2015 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/22/2016 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/15/2016 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/23/2017 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/08/2017 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/19/2018 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/11/2018 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/26/2019 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/04/2019 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/26/2020 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/15/2020 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/02/2021 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/07/2021 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/24/2022 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 08/31/2022 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/02/2023 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/12/2023 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/04/2024 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 09/23/2024 | ND | 4.0000 |          |  |
| Copper, total   | ug/L  | MW-78 | 03/12/2025 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/24/2014 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 12/05/2014 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/11/2015 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 06/16/2015 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/16/2015 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/22/2016 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/15/2016 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/23/2017 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/08/2017 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/19/2018 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/11/2018 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/26/2019 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/04/2019 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/26/2020 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/15/2020 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/02/2021 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/07/2021 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/24/2022 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 08/31/2022 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/02/2023 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/12/2023 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/04/2024 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 09/23/2024 | ND | 4.0000 |          |  |
| Lead, total     | ug/L  | MW-78 | 03/12/2025 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/24/2014 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 12/05/2014 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/11/2015 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 06/16/2015 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/16/2015 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/22/2016 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/15/2016 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/23/2017 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/08/2017 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/19/2018 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/11/2018 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/26/2019 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/04/2019 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/26/2020 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/15/2020 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/02/2021 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/07/2021 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/24/2022 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 08/31/2022 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/02/2023 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/12/2023 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/04/2024 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 09/23/2024 | ND | 4.0000 |          |  |
| Nickel, total   | ug/L  | MW-78 | 03/12/2025 | ND | 4.0000 |          |  |
| Selenium, total | ug/L  | MW-78 | 09/24/2014 |    | 5.4000 |          |  |
| Selenium, total | ug/L  | MW-78 | 12/05/2014 |    | 5.6000 |          |  |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.



Table 1

## Upgradient Data

| Constituent     | Units | Well  | Date       |    | Result  | Adjusted |    |
|-----------------|-------|-------|------------|----|---------|----------|----|
| Selenium, total | ug/L  | MW-78 | 03/11/2015 |    | 6.5000  |          |    |
| Selenium, total | ug/L  | MW-78 | 06/16/2015 |    | 8.6000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/16/2015 |    | 8.1000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/22/2016 |    | 8.9000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/15/2016 |    | 9.4000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/23/2017 |    | 10.6000 |          |    |
| Selenium, total | ug/L  | MW-78 | 09/08/2017 |    | 6.9000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/19/2018 |    | 8.3000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/11/2018 |    | 5.6000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/26/2019 |    | 9.5000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/04/2019 |    | 6.8000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/26/2020 |    | 5.4000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/15/2020 |    | 8.5000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/02/2021 |    | 9.4000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/07/2021 |    | 4.9000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/24/2022 |    | 6.3000  |          |    |
| Selenium, total | ug/L  | MW-78 | 08/31/2022 |    | 6.2000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/02/2023 |    | 7.9000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/12/2023 |    | 5.8000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/04/2024 |    | 5.7000  |          |    |
| Selenium, total | ug/L  | MW-78 | 09/23/2024 |    | 4.1000  |          |    |
| Selenium, total | ug/L  | MW-78 | 03/12/2025 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/24/2014 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 12/05/2014 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/11/2015 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 06/16/2015 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/16/2015 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/22/2016 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/15/2016 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/23/2017 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/08/2017 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/19/2018 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/11/2018 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/26/2019 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/04/2019 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/26/2020 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/15/2020 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/02/2021 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/07/2021 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/24/2022 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 08/31/2022 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/02/2023 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/12/2023 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/04/2024 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 09/23/2024 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | MW-78 | 03/12/2025 | ND | 4.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 09/24/2014 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 12/05/2014 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 03/11/2015 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 06/16/2015 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 09/16/2015 | ND | 1.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 03/22/2016 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 09/15/2016 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 03/23/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 09/08/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 03/19/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 09/11/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78 | 03/26/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 09/04/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 03/26/2020 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 09/15/2020 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 03/02/2021 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 09/07/2021 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 03/24/2022 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 08/31/2022 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 03/02/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 09/12/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 03/04/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 09/23/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78 | 03/12/2025 | ND | 2.0000  |          |    |
| Vanadium, total | ug/L  | MW-78 | 09/24/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78 | 12/05/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78 | 03/11/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78 | 06/16/2015 | ND | 20.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent      | Units | Well   | Date       |    | Result   | Adjusted |    |
|------------------|-------|--------|------------|----|----------|----------|----|
| Vanadium, total  | ug/L  | MW-78  | 09/16/2015 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/22/2016 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/15/2016 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/23/2017 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/08/2017 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/19/2018 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/11/2018 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/26/2019 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/04/2019 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/26/2020 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/15/2020 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/02/2021 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/07/2021 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/24/2022 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 08/31/2022 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/02/2023 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/12/2023 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/04/2024 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 09/23/2024 | ND | 20.0000  |          |    |
| Vanadium, total  | ug/L  | MW-78  | 03/12/2025 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 09/24/2014 |    | 10.7000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 12/05/2014 | ND | 8.0000   | 20.0000  | ** |
| Zinc, total      | ug/L  | MW-78  | 03/11/2015 | ND | 8.0000   | 20.0000  | ** |
| Zinc, total      | ug/L  | MW-78  | 06/16/2015 |    | 8.4000   |          |    |
| Zinc, total      | ug/L  | MW-78  | 09/16/2015 | ND | 8.0000   | 20.0000  | ** |
| Zinc, total      | ug/L  | MW-78  | 03/22/2016 | ND | 8.0000   | 20.0000  | ** |
| Zinc, total      | ug/L  | MW-78  | 09/15/2016 | ND | 8.0000   | 20.0000  | ** |
| Zinc, total      | ug/L  | MW-78  | 03/23/2017 | ND | 8.0000   | 20.0000  | ** |
| Zinc, total      | ug/L  | MW-78  | 09/08/2017 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/19/2018 | ND | 8.0000   | 20.0000  | ** |
| Zinc, total      | ug/L  | MW-78  | 09/11/2018 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/26/2019 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 09/04/2019 |    | 17.6000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/26/2020 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 09/15/2020 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/02/2021 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 09/07/2021 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/24/2022 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 08/31/2022 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/02/2023 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 09/12/2023 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/04/2024 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 09/23/2024 | ND | 20.0000  |          |    |
| Zinc, total      | ug/L  | MW-78  | 03/12/2025 | ND | 20.0000  |          |    |
| Antimony, total  | ug/L  | SW-101 | 09/14/2016 | ND | 2.0000   |          |    |
| Antimony, total  | ug/L  | SW-101 | 03/23/2017 | ND | 2.0000   |          |    |
| Antimony, total  | ug/L  | SW-101 | 09/08/2017 | ND | 2.0000   |          |    |
| Antimony, total  | ug/L  | SW-101 | 03/19/2018 | ND | 2.0000   |          |    |
| Antimony, total  | ug/L  | SW-101 | 09/11/2018 | ND | 2.0000   |          |    |
| Antimony, total  | ug/L  | SW-101 | 03/26/2019 | ND | 2.0000   |          |    |
| Antimony, total  | ug/L  | SW-101 | 09/04/2019 | ND | 2.0000   |          |    |
| Arsenic, total   | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000   |          |    |
| Arsenic, total   | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000   |          |    |
| Arsenic, total   | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000   |          |    |
| Arsenic, total   | ug/L  | SW-101 | 03/19/2018 |    | 4.4000   |          |    |
| Arsenic, total   | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000   |          |    |
| Arsenic, total   | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000   |          |    |
| Arsenic, total   | ug/L  | SW-101 | 09/04/2019 |    | 7.3000   |          |    |
| Barium, total    | ug/L  | SW-101 | 09/14/2016 |    | 188.0000 |          |    |
| Barium, total    | ug/L  | SW-101 | 03/23/2017 |    | 233.0000 |          |    |
| Barium, total    | ug/L  | SW-101 | 09/08/2017 |    | 272.0000 |          |    |
| Barium, total    | ug/L  | SW-101 | 03/19/2018 |    | 162.0000 |          |    |
| Barium, total    | ug/L  | SW-101 | 09/11/2018 |    | 127.0000 |          |    |
| Barium, total    | ug/L  | SW-101 | 03/26/2019 |    | 160.0000 |          |    |
| Barium, total    | ug/L  | SW-101 | 09/04/2019 |    | 256.0000 |          |    |
| Beryllium, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000   |          |    |
| Beryllium, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000   |          |    |
| Beryllium, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000   |          |    |
| Beryllium, total | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000   |          |    |
| Beryllium, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000   |          |    |
| Beryllium, total | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000   |          |    |
| Beryllium, total | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000   |          |    |
| Cadmium, total   | ug/L  | SW-101 | 09/14/2016 | ND | 0.8000   |          |    |
| Cadmium, total   | ug/L  | SW-101 | 03/23/2017 | ND | 0.8000   |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result  | Adjusted |    |
|-----------------|-------|--------|------------|----|---------|----------|----|
| Cadmium, total  | ug/L  | SW-101 | 09/08/2017 | ND | 0.8000  |          |    |
| Cadmium, total  | ug/L  | SW-101 | 03/19/2018 | ND | 0.8000  |          |    |
| Cadmium, total  | ug/L  | SW-101 | 09/11/2018 | ND | 0.8000  |          |    |
| Cadmium, total  | ug/L  | SW-101 | 03/26/2019 | ND | 0.8000  |          |    |
| Cadmium, total  | ug/L  | SW-101 | 09/04/2019 | ND | 0.8000  |          |    |
| Chromium, total | ug/L  | SW-101 | 09/14/2016 | ND | 8.0000  |          |    |
| Chromium, total | ug/L  | SW-101 | 03/23/2017 | ND | 8.0000  |          |    |
| Chromium, total | ug/L  | SW-101 | 09/08/2017 | ND | 8.0000  |          |    |
| Chromium, total | ug/L  | SW-101 | 03/19/2018 | ND | 8.0000  |          |    |
| Chromium, total | ug/L  | SW-101 | 09/11/2018 | ND | 8.0000  |          |    |
| Chromium, total | ug/L  | SW-101 | 03/26/2019 | ND | 8.0000  |          |    |
| Chromium, total | ug/L  | SW-101 | 09/04/2019 | ND | 8.0000  |          |    |
| Cobalt, total   | ug/L  | SW-101 | 09/14/2016 |    | 4.5000  |          |    |
| Cobalt, total   | ug/L  | SW-101 | 03/23/2017 |    | 4.2000  |          |    |
| Cobalt, total   | ug/L  | SW-101 | 09/08/2017 |    | 6.9000  |          |    |
| Cobalt, total   | ug/L  | SW-101 | 03/19/2018 |    | 2.3000  |          |    |
| Cobalt, total   | ug/L  | SW-101 | 09/11/2018 |    | 1.9000  |          |    |
| Cobalt, total   | ug/L  | SW-101 | 03/26/2019 |    | 1.8000  |          |    |
| Cobalt, total   | ug/L  | SW-101 | 09/04/2019 |    | 5.9000  |          |    |
| Copper, total   | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000  |          |    |
| Copper, total   | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000  |          |    |
| Copper, total   | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000  |          |    |
| Copper, total   | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  |          |    |
| Copper, total   | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000  |          |    |
| Copper, total   | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000  |          |    |
| Copper, total   | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000  |          |    |
| Lead, total     | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000  |          |    |
| Lead, total     | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000  |          |    |
| Lead, total     | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000  |          |    |
| Lead, total     | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  |          |    |
| Lead, total     | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000  |          |    |
| Lead, total     | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000  |          |    |
| Lead, total     | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 09/14/2016 |    | 8.7000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 03/23/2017 |    | 5.4000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 09/08/2017 |    | 8.6000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 03/26/2019 |    | 4.2000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 09/04/2019 |    | 7.5000  |          |    |
| Selenium, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | SW-101 | 09/11/2018 | ND | 8.0000  | 4.0000   | ** |
| Silver, total   | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000  |          |    |
| Silver, total   | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000  |          |    |
| Thallium, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 03/26/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | SW-101 | 09/04/2019 | ND | 2.0000  |          |    |
| Vanadium, total | ug/L  | SW-101 | 09/14/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 03/23/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 09/08/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 03/19/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 09/11/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 03/26/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 09/04/2019 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | SW-101 | 09/14/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | SW-101 | 03/23/2017 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | SW-101 | 09/08/2017 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | SW-101 | 03/19/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | SW-101 | 09/11/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | SW-101 | 03/26/2019 | ND | 20.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent | Units | Well   | Date       |    | Result | Adjusted |    |
|-------------|-------|--------|------------|----|--------|----------|----|
| Zinc, total | ug/L  | SW-101 | 09/04/2019 | ND | 8.0000 | 20.0000  | ** |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 2

## Most Current Downgradient Monitoring Data

| Constituent      | Units | Well  | Date       |    | Result   |     | Pred. Limit |
|------------------|-------|-------|------------|----|----------|-----|-------------|
| Antimony, total  | ug/L  | MW-44 | 03/12/2025 | ND | 2.0000   |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-44 | 03/12/2025 |    | 8.9000   | *** | 7.3000      |
| Barium, total    | ug/L  | MW-44 | 03/12/2025 |    | 126.0000 |     | 357.0000    |
| Beryllium, total | ug/L  | MW-44 | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-44 | 03/12/2025 | ND | 0.8000   |     | 0.8000      |
| Chromium, total  | ug/L  | MW-44 | 03/12/2025 | ND | 8.0000   |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-44 | 03/12/2025 |    | 10.3000  | *** | 6.9000      |
| Copper, total    | ug/L  | MW-44 | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Lead, total      | ug/L  | MW-44 | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Nickel, total    | ug/L  | MW-44 | 03/12/2025 |    | 8.8000   | *** | 8.7000      |
| Selenium, total  | ug/L  | MW-44 | 03/12/2025 | ND | 4.0000   |     | 10.6000     |
| Silver, total    | ug/L  | MW-44 | 03/12/2025 | ND | 4.0000   |     | 6.4000      |
| Thallium, total  | ug/L  | MW-44 | 03/12/2025 | ND | 2.0000   |     | 2.4000      |
| Vanadium, total  | ug/L  | MW-44 | 03/12/2025 | ND | 20.0000  |     | 20.0000     |
| Zinc, total      | ug/L  | MW-44 | 03/12/2025 | ND | 20.0000  |     | 32.3000     |
| Antimony, total  | ug/L  | MW-56 | 03/12/2025 | ND | 2.0000   |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-56 | 03/12/2025 | ND | 4.0000   |     | 7.3000      |
| Barium, total    | ug/L  | MW-56 | 03/12/2025 |    | 18.2000  |     | 357.0000    |
| Beryllium, total | ug/L  | MW-56 | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-56 | 03/12/2025 | ND | 0.8000   |     | 0.8000      |
| Chromium, total  | ug/L  | MW-56 | 03/12/2025 | ND | 8.0000   |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-56 | 03/12/2025 | ND | 0.4000   |     | 6.9000      |
| Copper, total    | ug/L  | MW-56 | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Lead, total      | ug/L  | MW-56 | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Nickel, total    | ug/L  | MW-56 | 03/12/2025 | ND | 4.0000   |     | 8.7000      |
| Selenium, total  | ug/L  | MW-56 | 03/12/2025 | ND | 4.0000   |     | 10.6000     |
| Silver, total    | ug/L  | MW-56 | 03/12/2025 | ND | 4.0000   |     | 6.4000      |
| Thallium, total  | ug/L  | MW-56 | 03/12/2025 | ND | 2.0000   |     | 2.4000      |
| Vanadium, total  | ug/L  | MW-56 | 03/12/2025 | ND | 20.0000  |     | 20.0000     |
| Zinc, total      | ug/L  | MW-56 | 03/12/2025 | ND | 20.0000  |     | 32.3000     |
| Antimony, total  | ug/L  | MW-57 | 03/12/2025 | ND | 2.0000   |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-57 | 03/12/2025 | ND | 4.0000   |     | 7.3000      |
| Barium, total    | ug/L  | MW-57 | 03/12/2025 |    | 164.0000 |     | 357.0000    |
| Beryllium, total | ug/L  | MW-57 | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-57 | 03/12/2025 | ND | 0.8000   |     | 0.8000      |
| Chromium, total  | ug/L  | MW-57 | 03/12/2025 | ND | 8.0000   |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-57 | 03/12/2025 | ND | 0.4000   |     | 6.9000      |
| Copper, total    | ug/L  | MW-57 | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Lead, total      | ug/L  | MW-57 | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Nickel, total    | ug/L  | MW-57 | 03/12/2025 | ND | 4.0000   |     | 8.7000      |
| Selenium, total  | ug/L  | MW-57 | 03/12/2025 | ND | 4.0000   |     | 10.6000     |
| Silver, total    | ug/L  | MW-57 | 03/12/2025 | ND | 4.0000   |     | 6.4000      |
| Thallium, total  | ug/L  | MW-57 | 03/12/2025 | ND | 2.0000   |     | 2.4000      |
| Vanadium, total  | ug/L  | MW-57 | 03/12/2025 | ND | 20.0000  |     | 20.0000     |
| Zinc, total      | ug/L  | MW-57 | 03/12/2025 | ND | 20.0000  |     | 32.3000     |
| Antimony, total  | ug/L  | MW-64 | 03/12/2025 | ND | 2.0000   |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-64 | 03/12/2025 |    | 25.7000  | *** | 7.3000      |
| Barium, total    | ug/L  | MW-64 | 03/12/2025 |    | 57.2000  |     | 357.0000    |
| Beryllium, total | ug/L  | MW-64 | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-64 | 03/12/2025 | ND | 0.8000   |     | 0.8000      |
| Chromium, total  | ug/L  | MW-64 | 03/12/2025 | ND | 8.0000   |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-64 | 03/12/2025 |    | 11.1000  | *** | 6.9000      |
| Copper, total    | ug/L  | MW-64 | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Lead, total      | ug/L  | MW-64 | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Nickel, total    | ug/L  | MW-64 | 03/12/2025 |    | 30.7000  | *** | 8.7000      |
| Selenium, total  | ug/L  | MW-64 | 03/12/2025 | ND | 4.0000   |     | 10.6000     |
| Silver, total    | ug/L  | MW-64 | 03/12/2025 | ND | 4.0000   |     | 6.4000      |
| Thallium, total  | ug/L  | MW-64 | 03/12/2025 | ND | 2.0000   |     | 2.4000      |
| Vanadium, total  | ug/L  | MW-64 | 03/12/2025 | ND | 20.0000  |     | 20.0000     |
| Zinc, total      | ug/L  | MW-64 | 03/12/2025 | ND | 20.0000  |     | 32.3000     |
| Antimony, total  | ug/L  | MW-65 | 03/12/2025 | ND | 2.0000   |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-65 | 03/12/2025 |    | 4.3000   | **  | 7.3000      |
| Barium, total    | ug/L  | MW-65 | 03/12/2025 |    | 30.0000  |     | 357.0000    |
| Beryllium, total | ug/L  | MW-65 | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-65 | 03/12/2025 | ND | 0.8000   |     | 0.8000      |
| Chromium, total  | ug/L  | MW-65 | 03/12/2025 | ND | 8.0000   |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-65 | 03/12/2025 |    | 3.6000   |     | 6.9000      |
| Copper, total    | ug/L  | MW-65 | 03/12/2025 | ND | 4.0000   | **  | 4.0000      |
| Lead, total      | ug/L  | MW-65 | 03/12/2025 | ND | 4.0000   |     | 4.0000      |
| Nickel, total    | ug/L  | MW-65 | 03/12/2025 |    | 12.0000  | *** | 8.7000      |
| Selenium, total  | ug/L  | MW-65 | 03/12/2025 | ND | 4.0000   |     | 10.6000     |
| Silver, total    | ug/L  | MW-65 | 03/12/2025 | ND | 4.0000   |     | 6.4000      |

\* - Current value failed - awaiting verification.

\*\* - Current value passed - previous exceedance not verified.

\*\*\* - Current value failed - exceedance verified.

\*\*\*\* - Current value passed - awaiting one more verification.

\*\*\*\*\* - Insufficient background data to compute prediction limit.

ND = Not Detected, Result = detection limit.

Table 2

## Most Current Downgradient Monitoring Data

| Constituent     | Units | Well  | Date       |    | Result  |  | Pred. Limit |
|-----------------|-------|-------|------------|----|---------|--|-------------|
| Thallium, total | ug/L  | MW-65 | 03/12/2025 | ND | 2.0000  |  | 2.4000      |
| Vanadium, total | ug/L  | MW-65 | 03/12/2025 | ND | 20.0000 |  | 20.0000     |
| Zinc, total     | ug/L  | MW-65 | 03/12/2025 | ND | 20.0000 |  | 32.3000     |

\* - Current value failed - awaiting verification.  
\*\* - Current value passed - previous exceedance not verified.  
\*\*\* - Current value failed - exceedance verified.  
\*\*\*\* - Current value passed - awaiting one more verification.  
\*\*\*\*\* - Insufficient background data to compute prediction limit.  
ND = Not Detected, Result = detection limit.

**Table 3****Detection Frequencies in Upgradient and Downgradient Wells**

| Constituent      | Detect | Upgradient<br>N | Proportion | Detect | Downgradient<br>N | Proportion |
|------------------|--------|-----------------|------------|--------|-------------------|------------|
| Antimony, total  | 0      | 79              | 0.000      | 0      | 85                | 0.000      |
| Arsenic, total   | 2      | 79              | 0.025      | 42     | 86                | 0.488      |
| Barium, total    | 79     | 79              | 1.000      | 89     | 89                | 1.000      |
| Beryllium, total | 0      | 79              | 0.000      | 0      | 85                | 0.000      |
| Cadmium, total   | 0      | 79              | 0.000      | 0      | 85                | 0.000      |
| Chromium, total  | 0      | 79              | 0.000      | 0      | 85                | 0.000      |
| Cobalt, total    | 12     | 79              | 0.152      | 73     | 86                | 0.849      |
| Copper, total    | 0      | 79              | 0.000      | 10     | 86                | 0.116      |
| Lead, total      | 0      | 79              | 0.000      | 1      | 85                | 0.012      |
| Nickel, total    | 5      | 79              | 0.063      | 67     | 86                | 0.779      |
| Selenium, total  | 23     | 79              | 0.291      | 1      | 85                | 0.012      |
| Silver, total    | 1      | 79              | 0.013      | 0      | 85                | 0.000      |
| Thallium, total  | 1      | 79              | 0.013      | 0      | 85                | 0.000      |
| Vanadium, total  | 0      | 79              | 0.000      | 0      | 85                | 0.000      |
| Zinc, total      | 5      | 79              | 0.063      | 20     | 85                | 0.235      |

N = Total number of measurements in all wells.

Detect = Total number of detections in all wells.

Proportion = Detect/N.

Table 4

## Shapiro-Wilk Multiple Group Test of Normality

| Constituent      | Detect | N  | Detect Freq | G raw | G log | G cbrt | G sqrt | G sqr | G cub | Crit Value | Dist Form | Model Type |
|------------------|--------|----|-------------|-------|-------|--------|--------|-------|-------|------------|-----------|------------|
| Antimony, total  | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Arsenic, total   | 2      | 79 | 0.025       |       |       |        |        |       |       |            |           | nonpar     |
| Barium, total    | 79     | 79 | 1.000       | 2.863 | 3.098 |        |        |       |       | 2.326      | non-norm  | nonpar     |
| Beryllium, total | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Cadmium, total   | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Chromium, total  | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Cobalt, total    | 12     | 79 | 0.152       | 0.421 | 0.600 |        |        |       |       | 2.326      | normal    | nonpar     |
| Copper, total    | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Lead, total      | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Nickel, total    | 5      | 79 | 0.063       | 0.460 | 0.593 |        |        |       |       | 2.326      | normal    | nonpar     |
| Selenium, total  | 23     | 79 | 0.291       | 0.468 | 0.181 |        |        |       |       | 2.326      | normal    | nonpar     |
| Silver, total    | 1      | 79 | 0.013       |       |       |        |        |       |       |            |           | nonpar     |
| Thallium, total  | 1      | 79 | 0.013       |       |       |        |        |       |       |            |           | nonpar     |
| Vanadium, total  | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Zinc, total      | 5      | 79 | 0.063       | 0.090 | 0.311 |        |        |       |       | 2.326      | normal    | nonpar     |

\* - Distribution override for that constituent.

Fit to distribution is confirmed if G <= critical value.

Model type may not match distributional form when detection frequency < 50%.



Table 5

## Summary Statistics and Prediction Limits

| Constituent      | Units | Detect | N  | Mean | SD | alpha | Factor | Pred Limit | Type   |     | Conf |
|------------------|-------|--------|----|------|----|-------|--------|------------|--------|-----|------|
| Antimony, total  | ug/L  | 0      | 79 |      |    |       |        | 2.0000     | nonpar | *** | 0.99 |
| Arsenic, total   | ug/L  | 2      | 79 |      |    |       |        | 7.3000     | nonpar |     | 0.99 |
| Barium, total    | ug/L  | 79     | 79 |      |    |       |        | 357.0000   | nonpar |     | 0.99 |
| Beryllium, total | ug/L  | 0      | 79 |      |    |       |        | 4.0000     | nonpar | *** | 0.99 |
| Cadmium, total   | ug/L  | 0      | 79 |      |    |       |        | 0.8000     | nonpar | *** | 0.99 |
| Chromium, total  | ug/L  | 0      | 79 |      |    |       |        | 8.0000     | nonpar | *** | 0.99 |
| Cobalt, total    | ug/L  | 12     | 79 |      |    |       |        | 6.9000     | nonpar |     | 0.99 |
| Copper, total    | ug/L  | 0      | 79 |      |    |       |        | 4.0000     | nonpar | *** | 0.99 |
| Lead, total      | ug/L  | 0      | 79 |      |    |       |        | 4.0000     | nonpar | *** | 0.99 |
| Nickel, total    | ug/L  | 5      | 79 |      |    |       |        | 8.7000     | nonpar |     | 0.99 |
| Selenium, total  | ug/L  | 23     | 79 |      |    |       |        | 10.6000    | nonpar |     | 0.99 |
| Silver, total    | ug/L  | 1      | 79 |      |    |       |        | 6.4000     | nonpar |     | 0.99 |
| Thallium, total  | ug/L  | 1      | 79 |      |    |       |        | 2.4000     | nonpar |     | 0.99 |
| Vanadium, total  | ug/L  | 0      | 79 |      |    |       |        | 20.0000    | nonpar | *** | 0.99 |
| Zinc, total      | ug/L  | 5      | 79 |      |    |       |        | 32.3000    | nonpar |     | 0.99 |

Conf = confidence level for passing initial test or one verification resample at all downgradient wells for a single constituent (nonparametric test only).

\* - Insufficient Data.

\*\* - Calculated limit raised to Manual Reporting Limit.

\*\*\* - Nonparametric limit based on ND value.

For transformed data, mean and SD in transformed units and prediction limit in original units.

All sample sizes and statistics are based on outlier free data.

For nonparametric limits, median reporting limits are substituted for extreme reporting limit values.

Table 6

**Dixon's Test Outliers  
1% Significance Level**

| Constituent | Units | Well | Date | Result | ND Qualifier | Date Range | N | Critical Value |
|-------------|-------|------|------|--------|--------------|------------|---|----------------|
|-------------|-------|------|------|--------|--------------|------------|---|----------------|

N = Total number of independent measurements in background at each well.

Date Range = Dates of the first and last measurements included in background at each well.

Critical Value depends on the significance level and on N-1 when the two most extreme values are tested or N for the most extreme value.

Table 8

**Historical Downgradient Data for Constituent-Well Combinations  
that Failed the Current Statistical Evaluation or  
are in Verification Resampling Mode**

| Constituent    | Units | Well  | Date       |    | Result    | Pred. Limit |
|----------------|-------|-------|------------|----|-----------|-------------|
| Arsenic, total | ug/L  | MW-44 | 09/14/2016 | ND | 4.0000    | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 09/08/2017 |    | 5.6000    | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 12/05/2017 | ND | 4.0000    | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 03/19/2018 | ND | 4.0000    | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 09/11/2018 | ND | 4.0000    | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 03/26/2019 |    | 6.6000    | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 09/04/2019 |    | 7.9000 *  | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 03/26/2020 | ND | 4.0000    | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 09/15/2020 |    | 13.1000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 03/02/2021 | ND | 4.0000    | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 09/07/2021 |    | 9.4000 *  | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 03/24/2022 |    | 7.6000 *  | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 08/31/2022 |    | 10.0000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 03/02/2023 | ND | 4.0000    | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 09/12/2023 |    | 10.8000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 03/04/2024 |    | 4.1000    | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 09/23/2024 |    | 11.9000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-44 | 03/12/2025 |    | 8.9000 *  | 7.3000      |
| Cobalt, total  | ug/L  | MW-44 | 09/14/2016 |    | 6.3000    | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/08/2017 |    | 7.3000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 12/05/2017 |    | 8.7000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/19/2018 |    | 8.9000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/11/2018 |    | 8.4000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/26/2019 |    | 10.2000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/04/2019 |    | 8.7000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/26/2020 |    | 9.2000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/15/2020 |    | 14.5000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/02/2021 |    | 8.8000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/07/2021 |    | 8.1000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/24/2022 |    | 11.0000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 08/31/2022 |    | 11.6000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/02/2023 |    | 8.8000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/12/2023 |    | 10.7000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/04/2024 |    | 9.7000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/23/2024 |    | 10.3000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/12/2025 |    | 10.3000 * | 6.9000      |
| Nickel, total  | ug/L  | MW-44 | 09/14/2016 |    | 17.3000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 09/08/2017 |    | 16.0000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 03/19/2018 |    | 12.7000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 09/11/2018 |    | 12.8000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 03/26/2019 |    | 11.9000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 09/04/2019 |    | 11.7000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 03/26/2020 |    | 13.2000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 09/15/2020 |    | 26.2000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 03/02/2021 |    | 9.7000 *  | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 09/07/2021 |    | 13.2000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 03/24/2022 |    | 12.2000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 08/31/2022 |    | 13.5000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 03/02/2023 |    | 10.0000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 09/12/2023 |    | 13.2000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 03/04/2024 |    | 10.0000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 09/23/2024 |    | 10.9000 * | 8.7000      |
| Nickel, total  | ug/L  | MW-44 | 03/12/2025 |    | 8.8000 *  | 8.7000      |
| Arsenic, total | ug/L  | MW-64 | 09/14/2016 |    | 21.6000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 09/08/2017 |    | 7.9000 *  | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 03/19/2018 |    | 19.3000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 09/11/2018 |    | 24.2000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 03/26/2019 |    | 40.2000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 09/04/2019 |    | 22.2000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 03/26/2020 |    | 40.3000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 09/15/2020 |    | 21.1000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 03/02/2021 |    | 20.2000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 09/07/2021 |    | 25.2000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 03/24/2022 |    | 19.2000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 08/31/2022 |    | 27.4000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 03/02/2023 |    | 26.4000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 09/12/2023 |    | 23.1000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 03/04/2024 |    | 29.6000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 09/23/2024 |    | 30.6000 * | 7.3000      |
| Arsenic, total | ug/L  | MW-64 | 03/12/2025 |    | 25.7000 * | 7.3000      |
| Cobalt, total  | ug/L  | MW-64 | 09/14/2016 |    | 27.0000 * | 6.9000      |

\* - Significantly increased over background.

\*\* - Detect at limit for 100% NDs in background (NPPL only).

\*\*\* - Manual exclusion.

ND = Not Detected, Result = detection limit.

Table 8

**Historical Downgradient Data for Constituent-Well Combinations  
that Failed the Current Statistical Evaluation or  
are in Verification Resampling Mode**

| Constituent    | Units | Well  | Date       |    | Result  |    | Pred. Limit |
|----------------|-------|-------|------------|----|---------|----|-------------|
| Cobalt, total  | ug/L  | MW-64 | 09/08/2017 |    | 34.4000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/19/2018 |    | 19.1000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/11/2018 |    | 25.1000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/26/2019 |    | 16.1000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/04/2019 |    | 23.0000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/26/2020 |    | 14.7000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/15/2020 |    | 20.8000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/02/2021 |    | 14.6000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/07/2021 |    | 21.0000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/24/2022 |    | 11.8000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 08/31/2022 |    | 21.6000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/02/2023 |    | 11.0000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/12/2023 |    | 18.7000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/04/2024 |    | 12.0000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/23/2024 |    | 17.9000 | *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/12/2025 |    | 11.1000 | *  | 6.9000      |
| Nickel, total  | ug/L  | MW-64 | 09/14/2016 |    | 56.3000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 09/08/2017 |    | 73.1000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 03/19/2018 |    | 46.2000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 09/11/2018 |    | 55.4000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 03/26/2019 |    | 41.6000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 09/04/2019 |    | 45.9000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 03/26/2020 |    | 39.4000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 09/15/2020 |    | 46.6000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 03/02/2021 |    | 35.4000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 09/07/2021 |    | 49.9000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 03/24/2022 |    | 33.0000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 08/31/2022 |    | 49.9000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 03/02/2023 |    | 30.6000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 09/12/2023 |    | 43.1000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 03/04/2024 |    | 32.0000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 09/23/2024 |    | 42.6000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-64 | 03/12/2025 |    | 30.7000 | *  | 8.7000      |
| Arsenic, total | ug/L  | MW-65 | 09/14/2016 |    | 8.0000  | *  | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 09/08/2017 | ND | 4.0000  |    | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 03/19/2018 | ND | 4.0000  |    | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 09/11/2018 | ND | 4.0000  |    | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 03/26/2019 |    | 5.8000  |    | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 09/04/2019 |    | 4.0000  |    | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 03/26/2020 | ND | 4.0000  |    | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 09/15/2020 |    | 4.1000  |    | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 03/02/2021 | ND | 4.0000  |    | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 09/07/2021 | ND | 4.0000  |    | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 03/24/2022 | ND | 4.0000  |    | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 08/31/2022 |    | 4.3000  |    | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 03/02/2023 |    | 9.5000  | *  | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 09/12/2023 | ND | 4.0000  |    | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 03/04/2024 |    | 6.7000  |    | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 09/23/2024 |    | 7.9000  | *  | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 03/12/2025 |    | 4.3000  |    | 7.3000      |
| Copper, total  | ug/L  | MW-65 | 09/14/2016 |    | 6.7000  | *  | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 09/08/2017 | ND | 4.0000  |    | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 03/19/2018 | ND | 4.0000  |    | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 09/11/2018 |    | 8.0000  | *  | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 03/26/2019 |    | 4.0000  | ** | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 09/04/2019 | ND | 4.0000  |    | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 03/26/2020 | ND | 4.0000  |    | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 09/15/2020 | ND | 4.0000  |    | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 03/02/2021 |    | 10.3000 | *  | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 09/07/2021 | ND | 4.0000  |    | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 03/24/2022 | ND | 4.0000  |    | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 08/31/2022 |    | 4.4000  | *  | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 03/02/2023 |    | 5.2000  | *  | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 09/12/2023 | ND | 4.0000  |    | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 03/04/2024 | ND | 4.0000  |    | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 09/23/2024 |    | 8.7000  | *  | 4.0000      |
| Copper, total  | ug/L  | MW-65 | 03/12/2025 | ND | 4.0000  |    | 4.0000      |
| Nickel, total  | ug/L  | MW-65 | 09/14/2016 |    | 28.2000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-65 | 09/08/2017 |    | 10.9000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-65 | 03/19/2018 |    | 15.3000 | *  | 8.7000      |
| Nickel, total  | ug/L  | MW-65 | 09/11/2018 |    | 24.8000 | *  | 8.7000      |

\* - Significantly increased over background.

\*\* - Detect at limit for 100% NDs in background (NPPL only).

\*\*\* - Manual exclusion.

ND = Not Detected, Result = detection limit.

Table 8

**Historical Downgradient Data for Constituent-Well Combinations  
that Failed the Current Statistical Evaluation or  
are in Verification Resampling Mode**

| Constituent   | Units | Well  | Date       |    | Result  |   | Pred. Limit |
|---------------|-------|-------|------------|----|---------|---|-------------|
| Nickel, total | ug/L  | MW-65 | 03/26/2019 |    | 12.3000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 09/04/2019 |    | 9.2000  | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 03/26/2020 |    | 7.6000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 09/15/2020 |    | 5.8000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 03/02/2021 |    | 7.4000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 09/07/2021 |    | 4.5000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 03/24/2022 | ND | 4.0000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 08/31/2022 |    | 13.0000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 03/02/2023 |    | 20.7000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 09/12/2023 |    | 7.3000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 03/04/2024 |    | 14.9000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 09/23/2024 |    | 13.5000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 03/12/2025 |    | 12.0000 | * | 8.7000      |

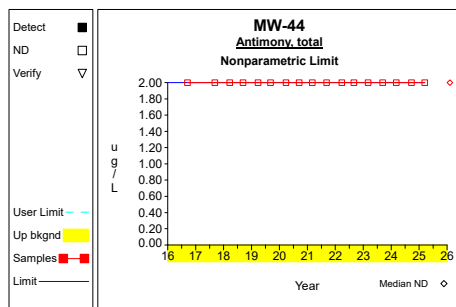
\* - Significantly increased over background.

\*\* - Detect at limit for 100% NDs in background (NPPL only).

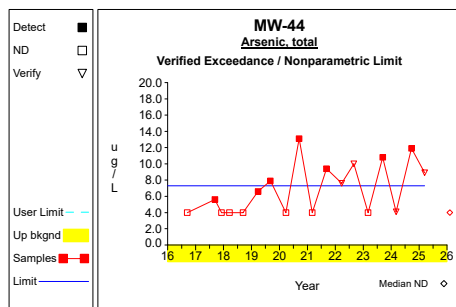
\*\*\* - Manual exclusion.

ND = Not Detected, Result = detection limit.

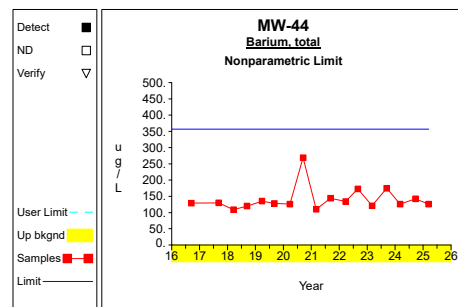
# Up vs. Down Prediction Limits



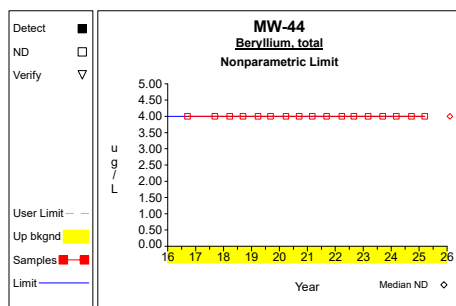
Graph 1



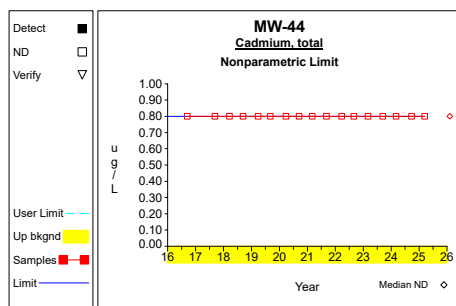
Graph 2



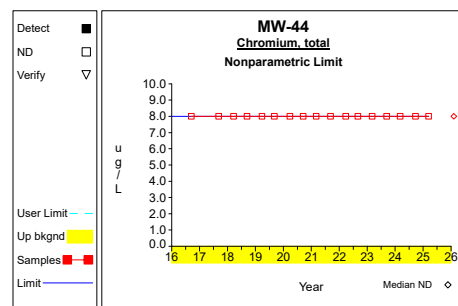
Graph 3



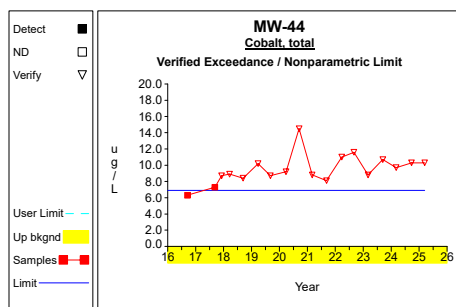
Graph 4



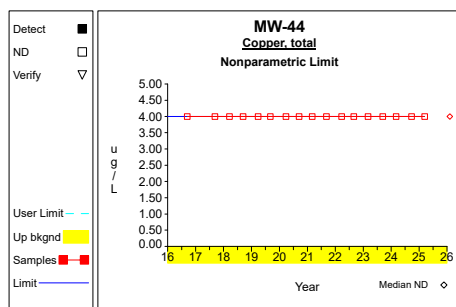
Graph 5



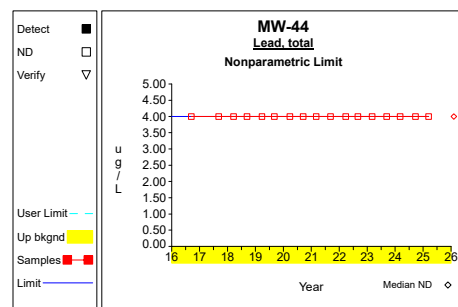
Graph 6



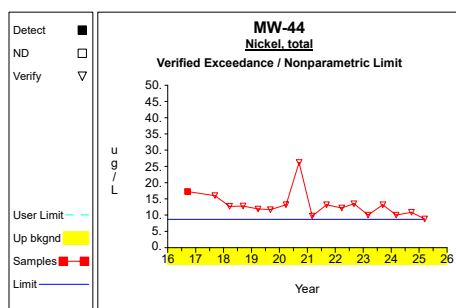
Graph 7



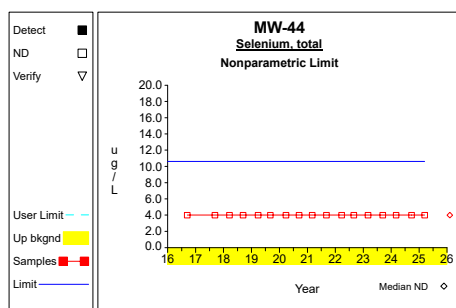
Graph 8



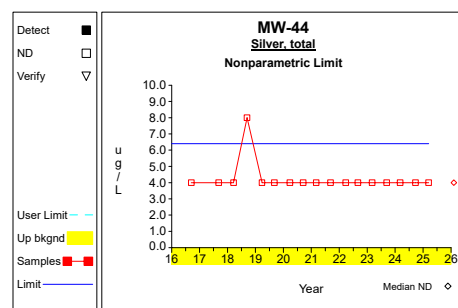
Graph 9



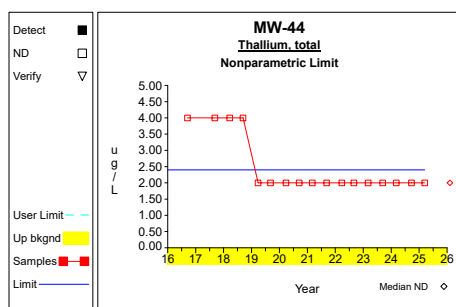
Graph 10



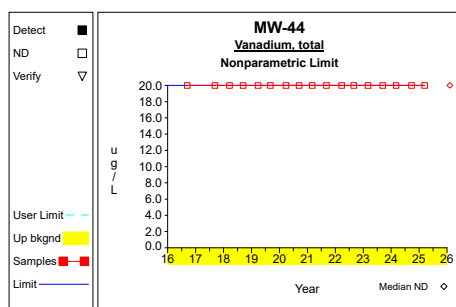
Graph 11



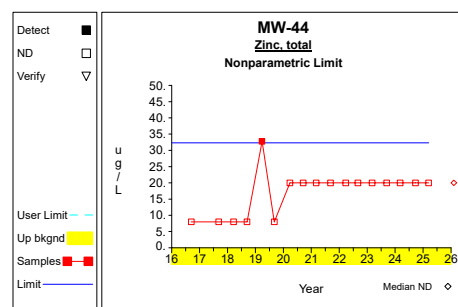
Graph 12



Graph 13

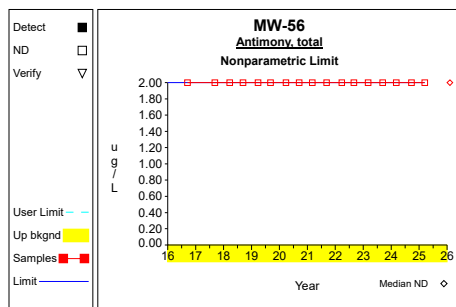


Graph 14

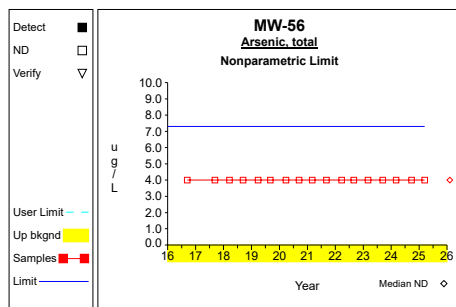


Graph 15

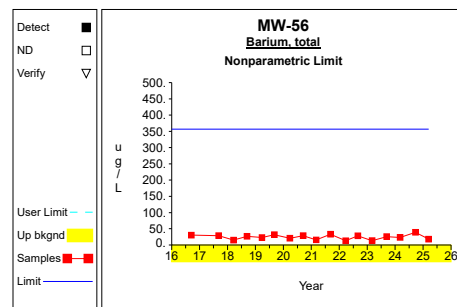
# Up vs. Down Prediction Limits



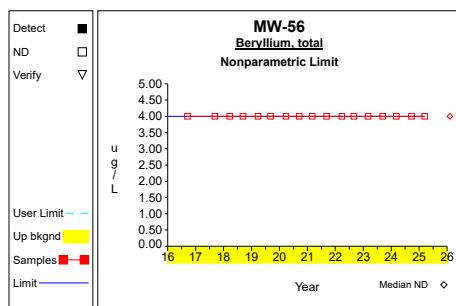
Graph 16



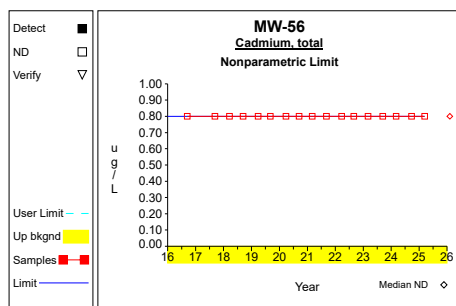
Graph 17



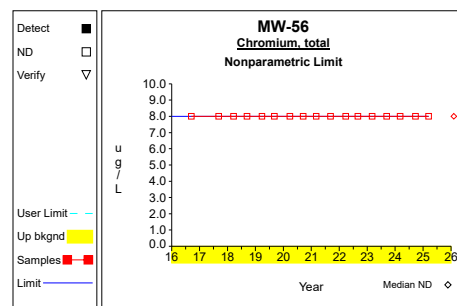
Graph 18



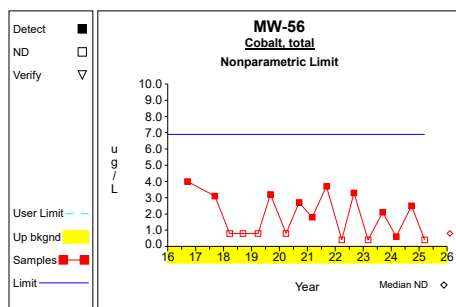
Graph 19



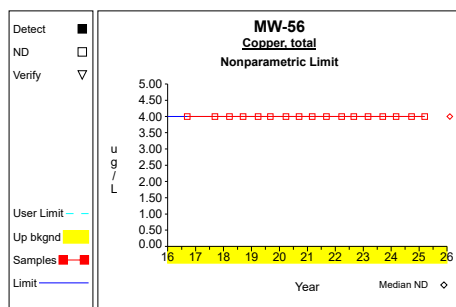
Graph 20



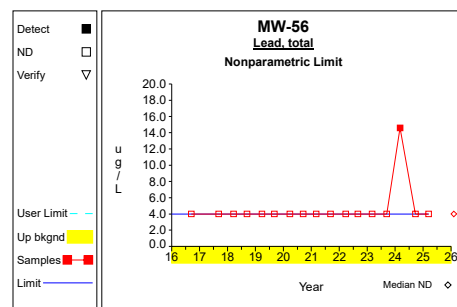
Graph 21



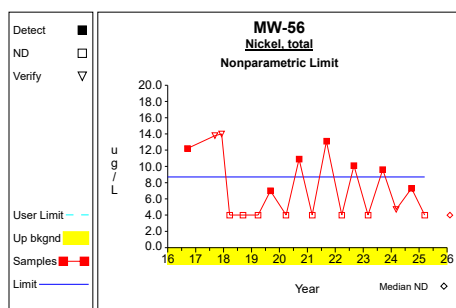
Graph 22



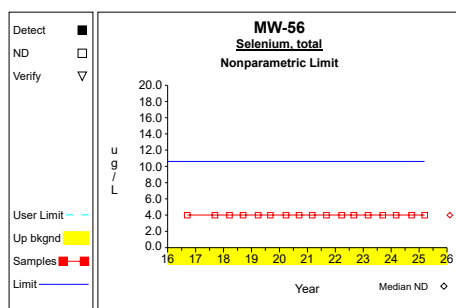
Graph 23



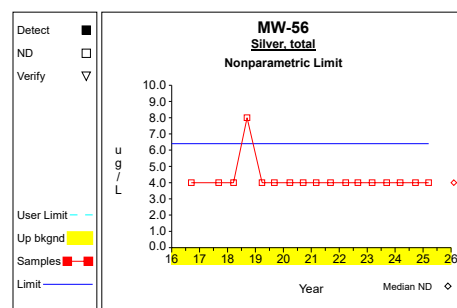
Graph 24



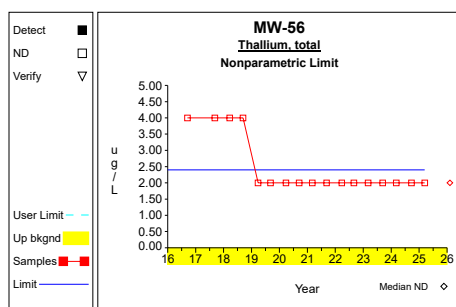
Graph 25



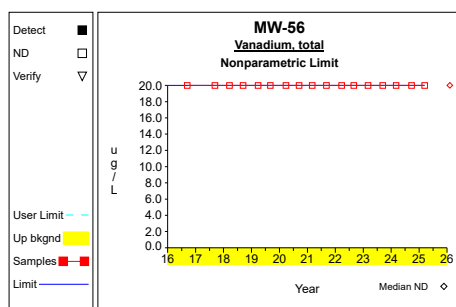
Graph 26



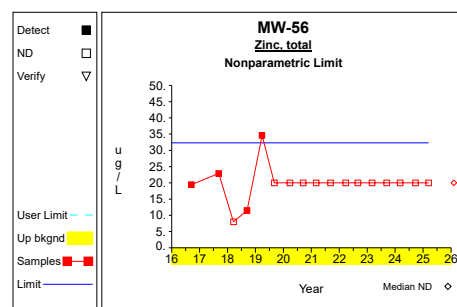
Graph 27



Graph 28

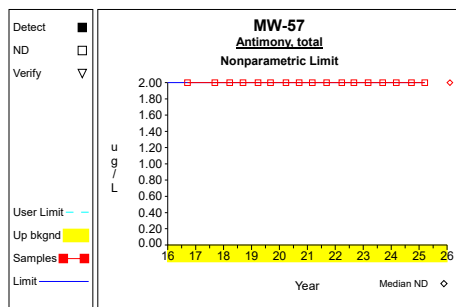


Graph 29

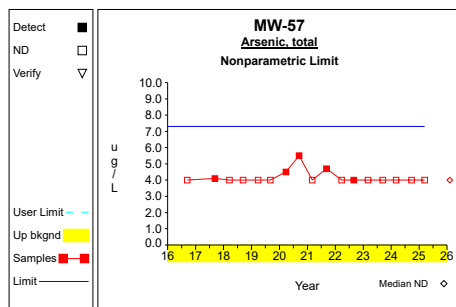


Graph 30

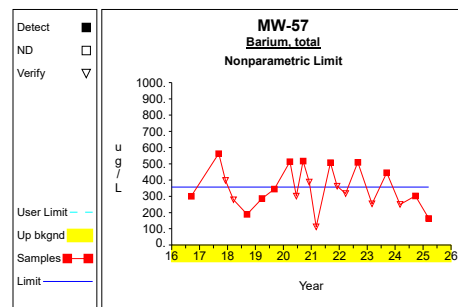
# Up vs. Down Prediction Limits



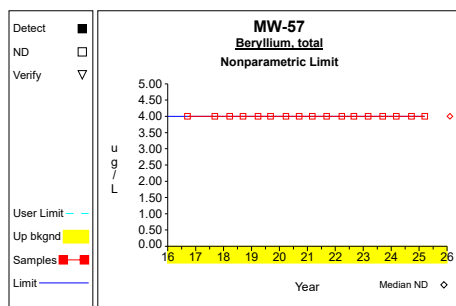
Graph 31



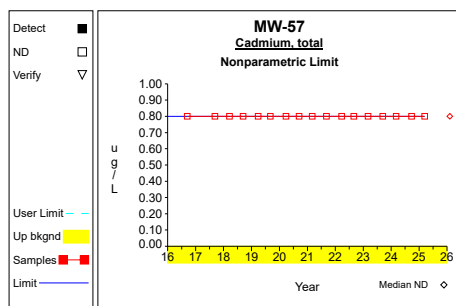
Graph 32



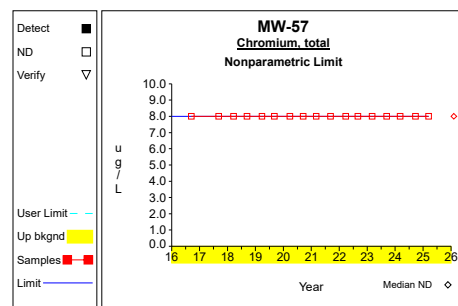
Graph 33



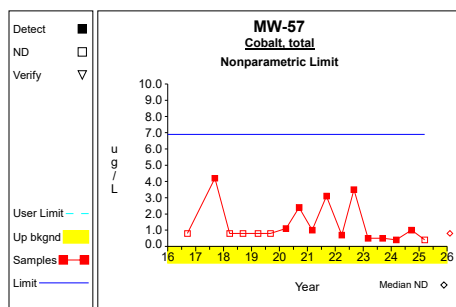
Graph 34



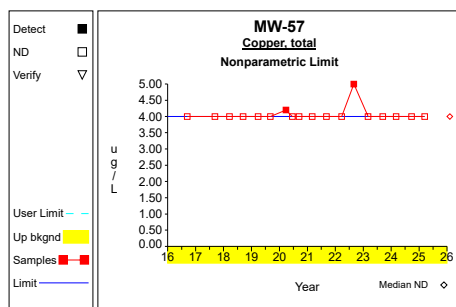
Graph 35



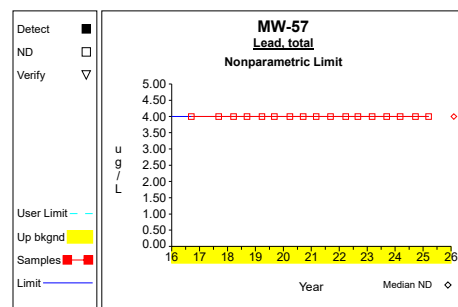
Graph 36



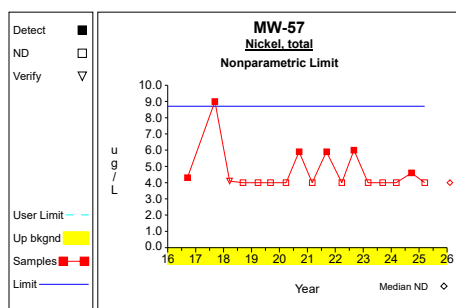
Graph 37



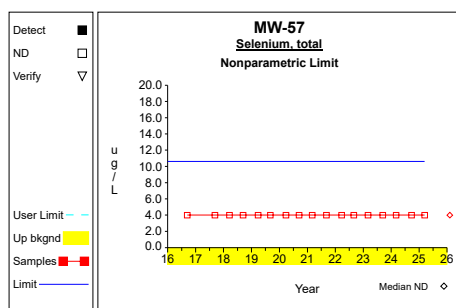
Graph 38



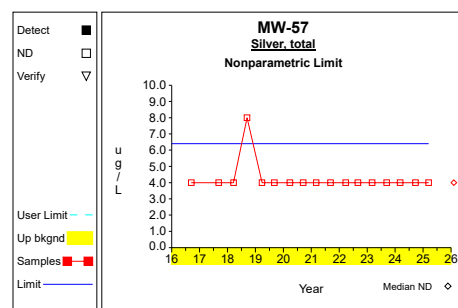
Graph 39



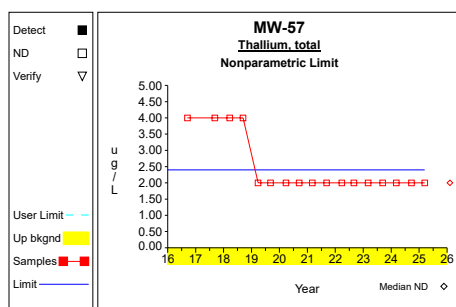
Graph 40



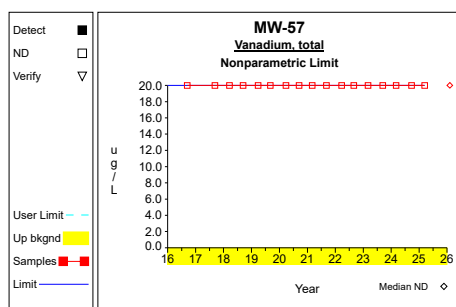
Graph 41



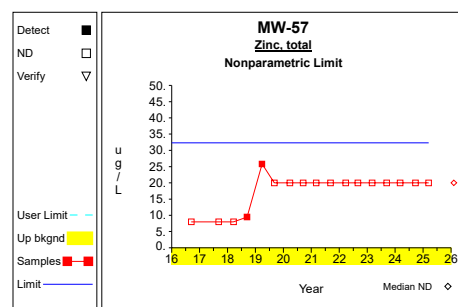
Graph 42



Graph 43



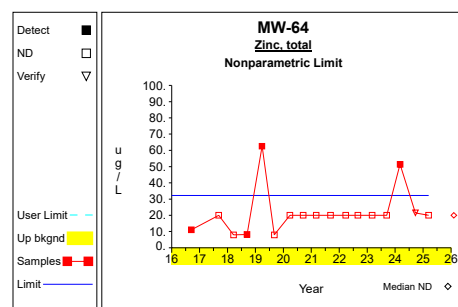
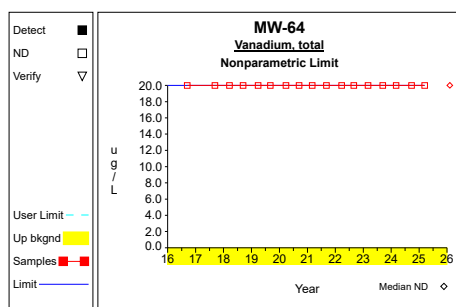
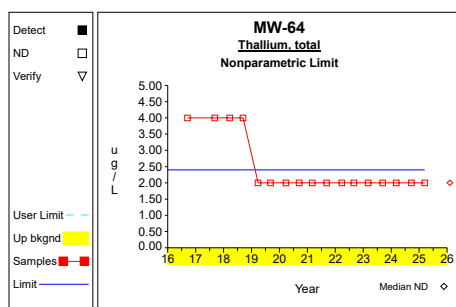
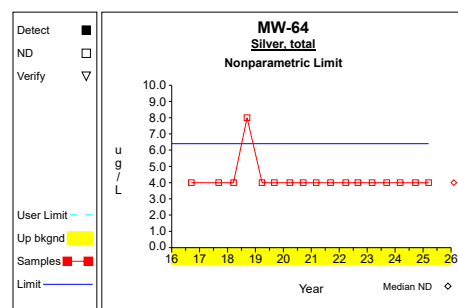
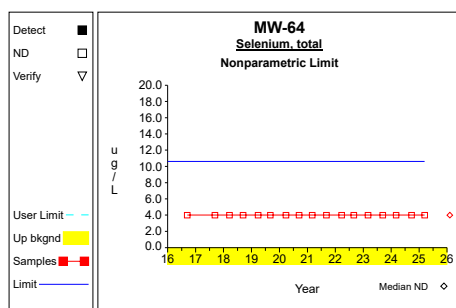
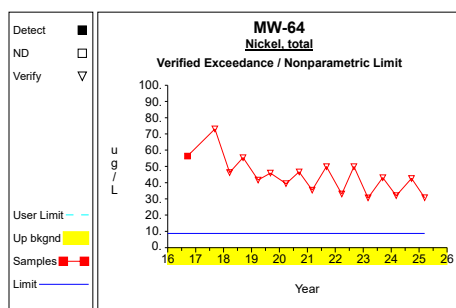
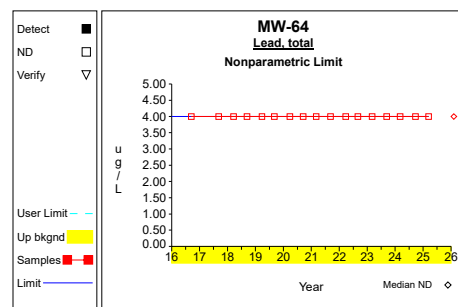
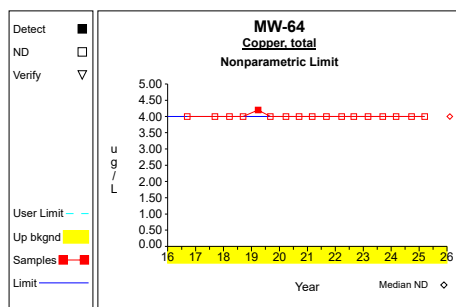
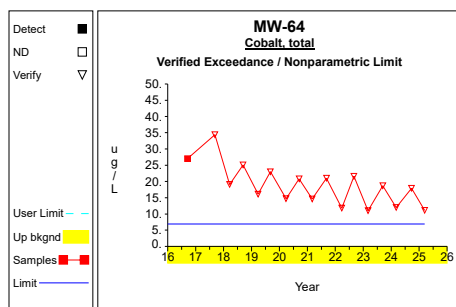
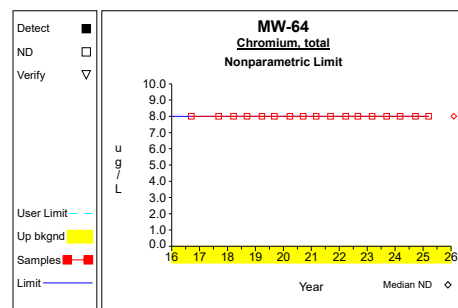
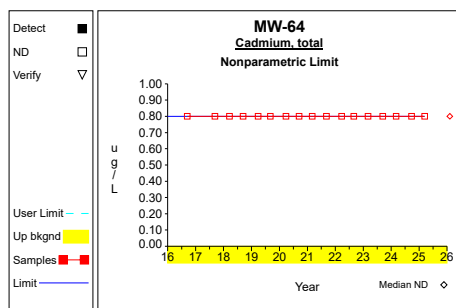
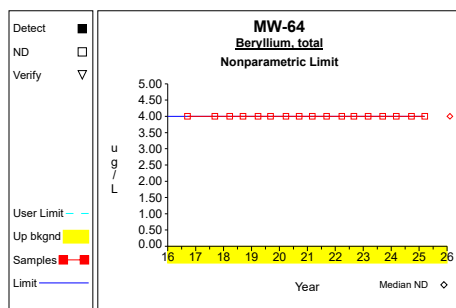
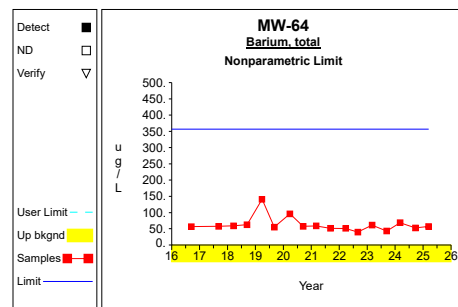
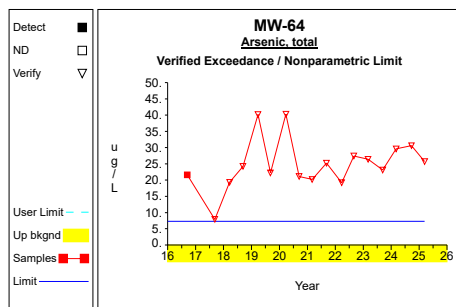
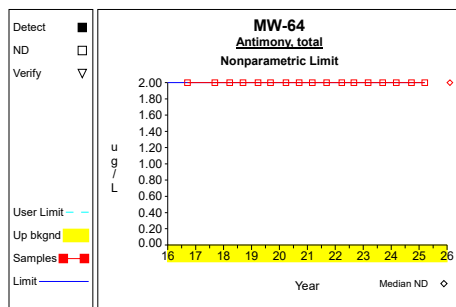
Graph 44



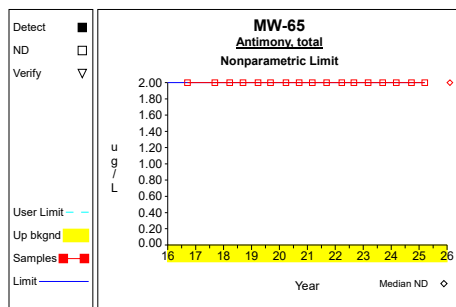
Graph 45



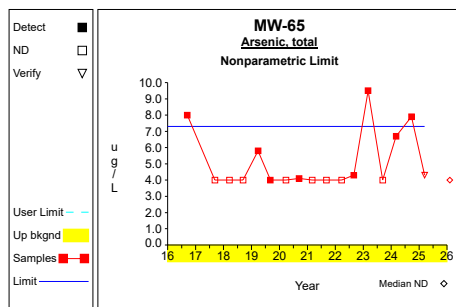
# Up vs. Down Prediction Limits



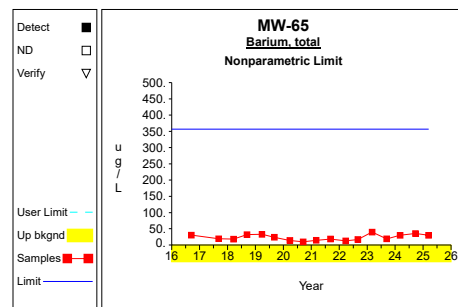
# Up vs. Down Prediction Limits



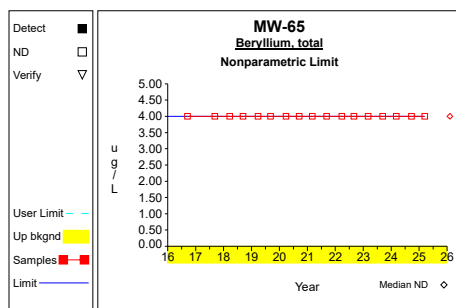
Graph 61



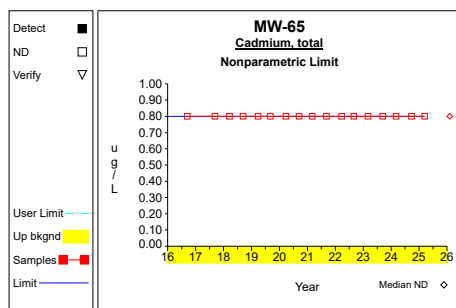
Graph 62



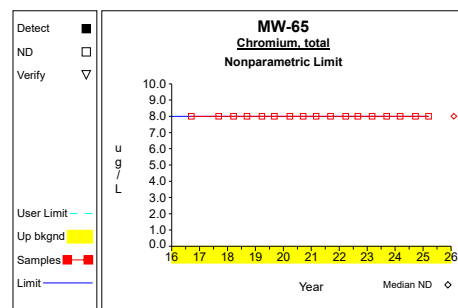
Graph 63



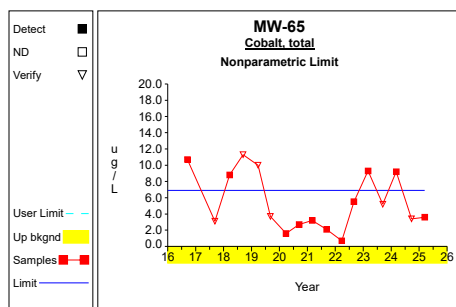
Graph 64



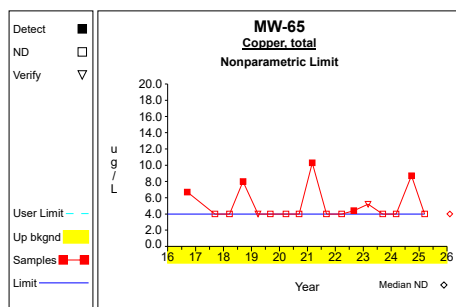
Graph 65



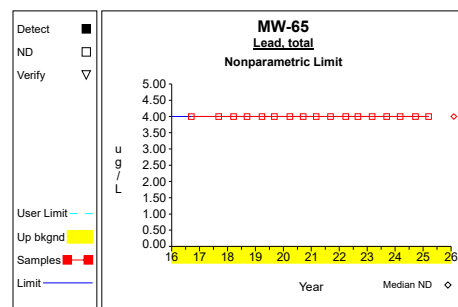
Graph 66



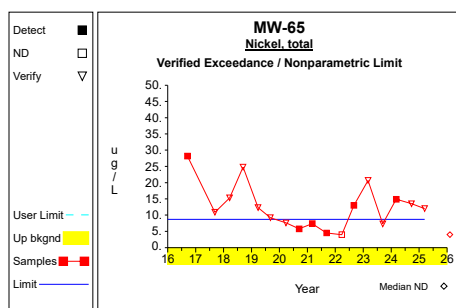
Graph 67



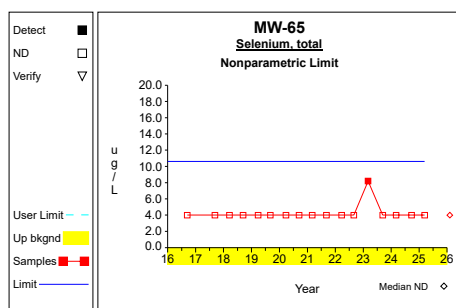
Graph 68



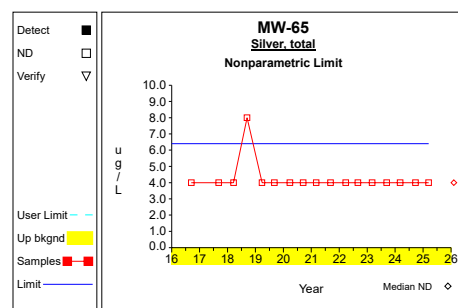
Graph 69



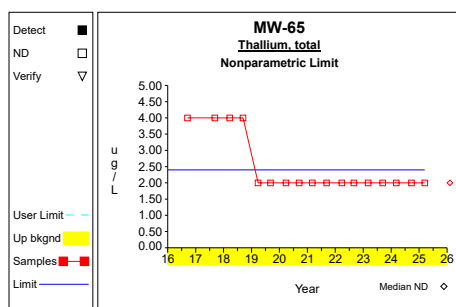
Graph 70



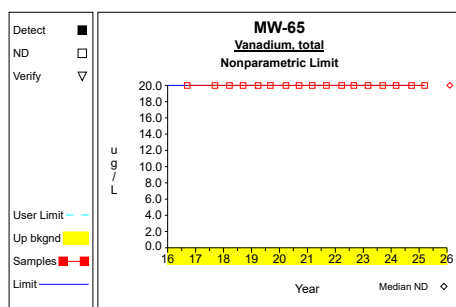
Graph 71



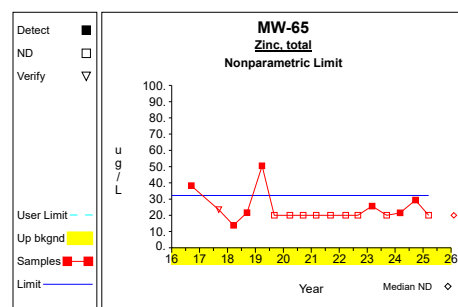
Graph 72



Graph 73



Graph 74



Graph 75

## False Positive and False Negative Rates for Current Upgradient vs. Downgradient Monitoring Program

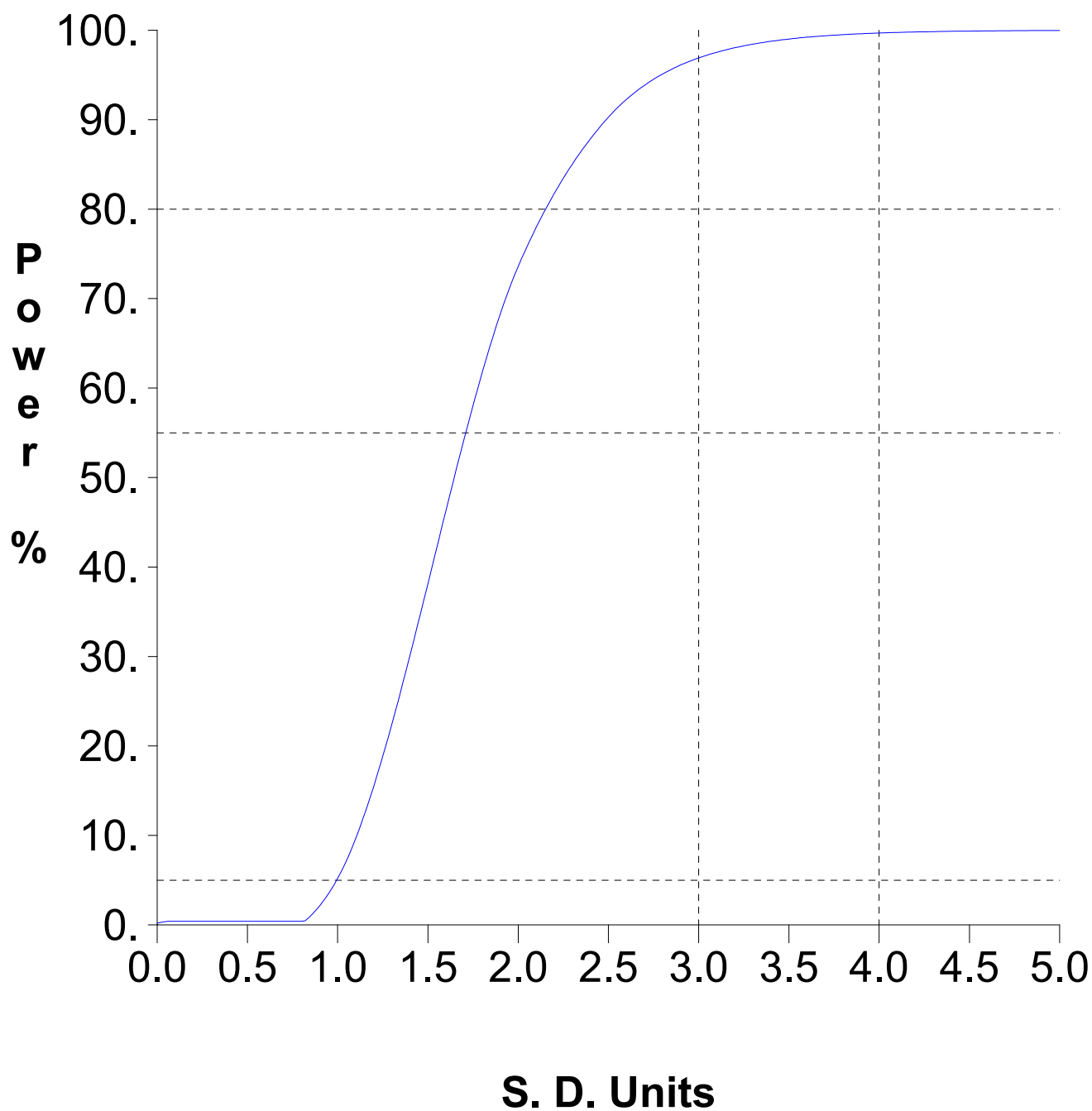


Table 1

**Confidence Intervals for Comparing the Mean of the Last  
4 Measurements to an Assessment Monitoring Standard**

| Constituent    | Units | Well  | N | Mean   | SD    | Factor | 95% LCL | 95% UCL | Standard | Trend |    |
|----------------|-------|-------|---|--------|-------|--------|---------|---------|----------|-------|----|
| Arsenic, total | ug/L  | MW-44 | 4 | 8.925  | 3.447 | 1.176  | 4.870   | 12.980  | 10.000   |       | ** |
| Cobalt, total  | ug/L  | MW-44 | 4 | 10.250 | 0.412 | 1.176  | 9.765   | 10.735  | 2.100    |       |    |
| Copper, total  | ug/L  | MW-44 | 4 | 2.000  | 0.000 | 1.176  | 2.000   | 2.000   | 1300.000 |       |    |
| Nickel, total  | ug/L  | MW-44 | 4 | 10.725 | 1.861 | 1.176  | 8.536   | 12.914  | 100.000  |       |    |
| Arsenic, total | ug/L  | MW-56 | 4 | 2.000  | 0.000 | 1.176  | 2.000   | 2.000   | 10.000   |       |    |
| Cobalt, total  | ug/L  | MW-56 | 4 | 1.400  | 1.055 | 1.176  | 0.159   | 2.641   | 2.100    |       |    |
| Copper, total  | ug/L  | MW-56 | 4 | 2.000  | 0.000 | 1.176  | 2.000   | 2.000   | 1300.000 |       |    |
| Nickel, total  | ug/L  | MW-56 | 4 | 5.900  | 3.281 | 1.176  | 2.040   | 9.760   | 100.000  |       |    |
| Arsenic, total | ug/L  | MW-57 | 4 | 2.000  | 0.000 | 1.176  | 2.000   | 2.000   | 10.000   |       |    |
| Cobalt, total  | ug/L  | MW-57 | 4 | 0.575  | 0.287 | 1.176  | 0.237   | 0.913   | 2.100    |       |    |
| Copper, total  | ug/L  | MW-57 | 4 | 2.000  | 0.000 | 1.176  | 2.000   | 2.000   | 1300.000 |       |    |
| Nickel, total  | ug/L  | MW-57 | 4 | 2.650  | 1.300 | 1.176  | 1.121   | 4.179   | 100.000  |       |    |
| Arsenic, total | ug/L  | MW-64 | 4 | 27.250 | 3.482 | 1.176  | 23.154  | 31.346  | 10.000   |       | ** |
| Cobalt, total  | ug/L  | MW-64 | 4 | 14.925 | 3.928 | 1.176  | 10.305  | 19.545  | 2.100    | dec   |    |
| Copper, total  | ug/L  | MW-64 | 4 | 2.000  | 0.000 | 1.176  | 2.000   | 2.000   | 1300.000 |       |    |
| Nickel, total  | ug/L  | MW-64 | 4 | 37.100 | 6.664 | 1.176  | 29.261  | 44.939  | 100.000  | dec   |    |
| Arsenic, total | ug/L  | MW-65 | 4 | 5.225  | 2.620 | 1.176  | 2.144   | 8.306   | 10.000   |       | ** |
| Cobalt, total  | ug/L  | MW-65 | 4 | 5.350  | 2.690 | 1.176  | 2.186   | 8.514   | 2.100    |       |    |
| Copper, total  | ug/L  | MW-65 | 4 | 3.675  | 3.350 | 1.176  | 0.000   | 7.616   | 1300.000 |       |    |
| Nickel, total  | ug/L  | MW-65 | 4 | 11.925 | 3.303 | 1.176  | 8.040   | 15.810  | 100.000  |       |    |

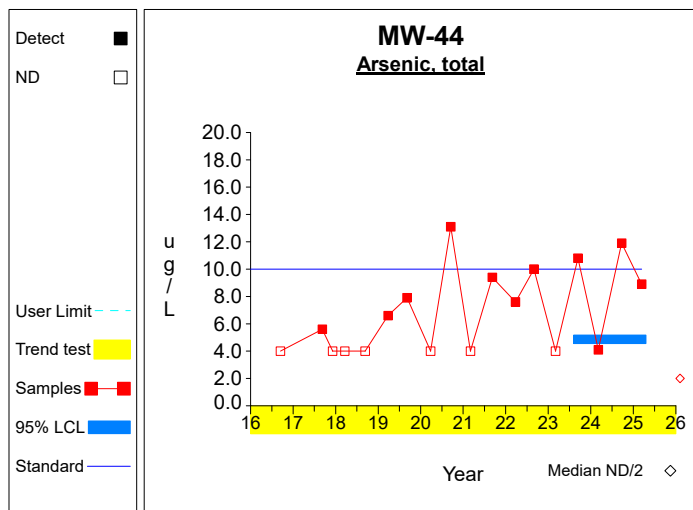
\* - Insufficient Data

\*\* - Significant Exceedance

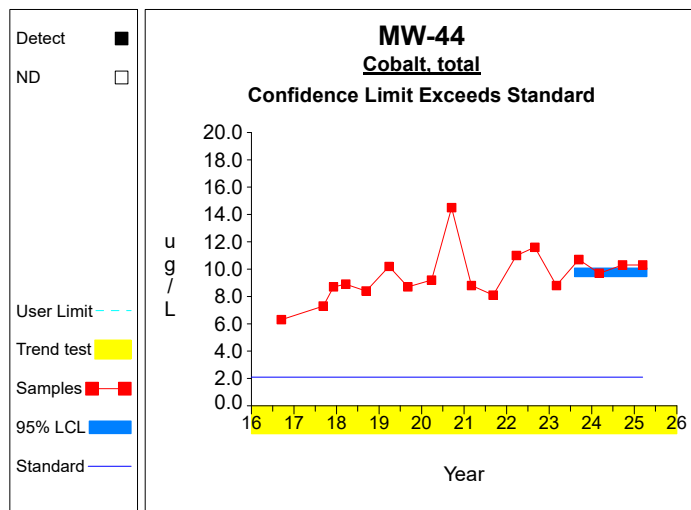
LCL = Lower Confidence Limit

UCL = Upper Confidence Limit

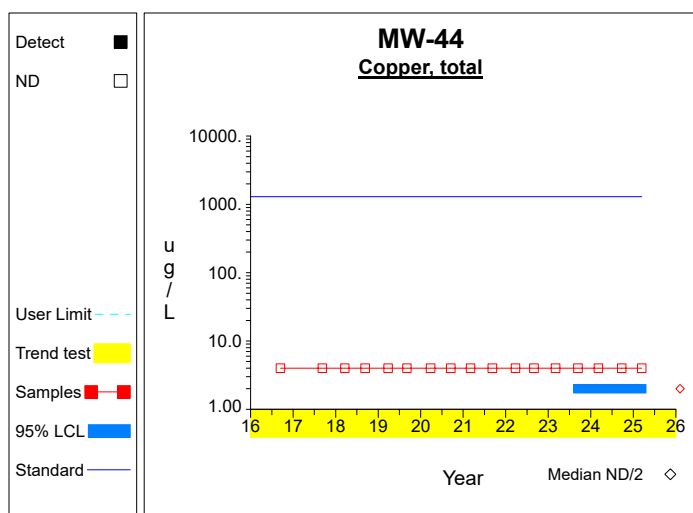
## Confidence Limits (Assessment)



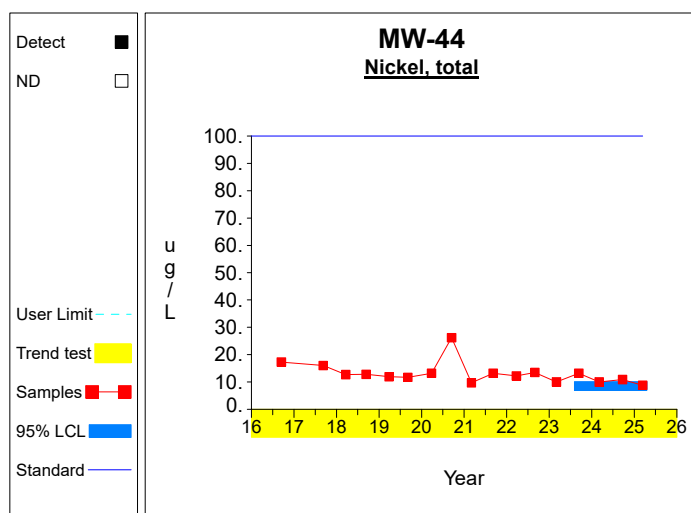
**Graph 1**



**Graph 2**

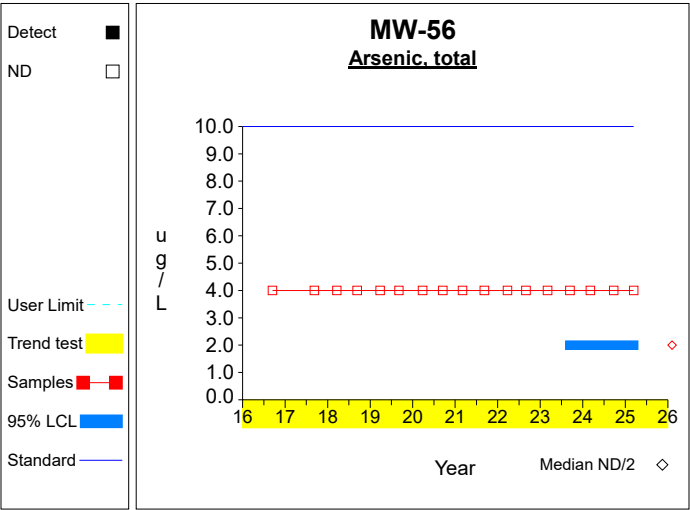


**Graph 3**

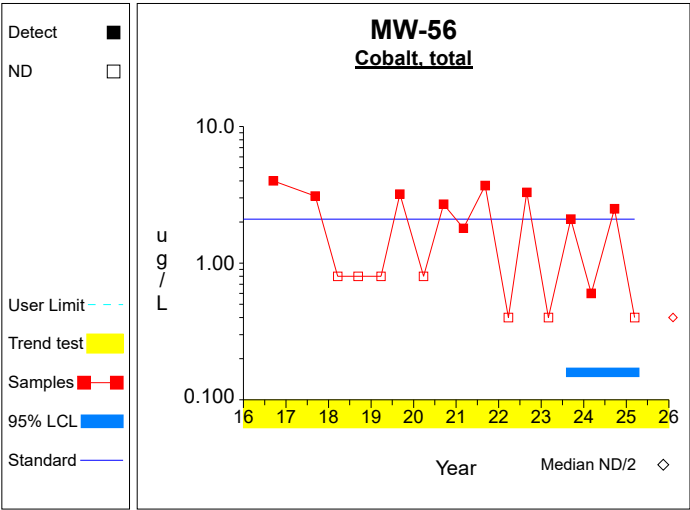


**Graph 4**

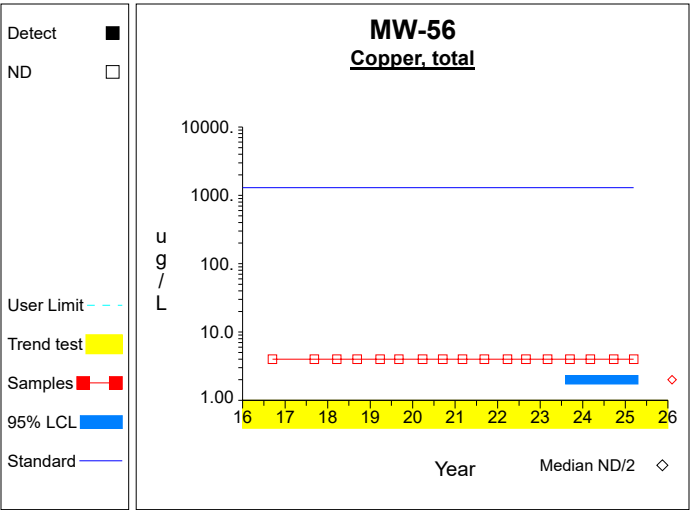
Confidence Limits (Assessment)



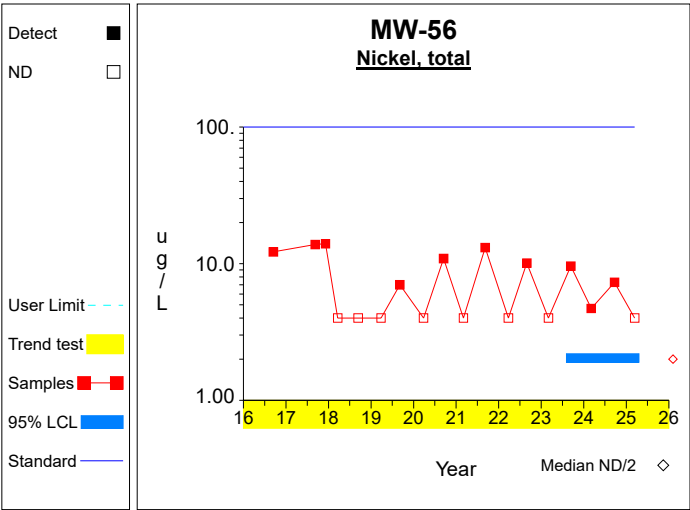
Graph 5



Graph 6

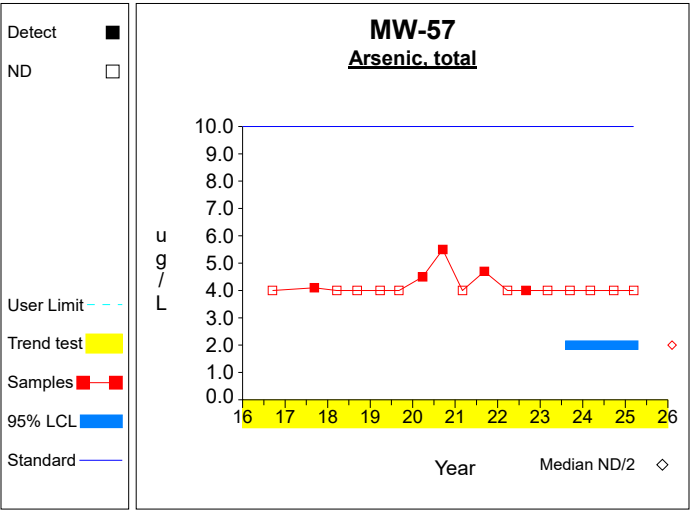


Graph 7

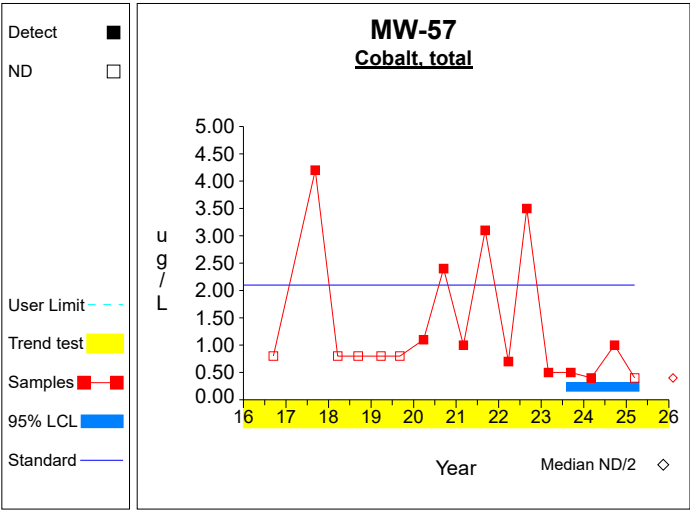


Graph 8

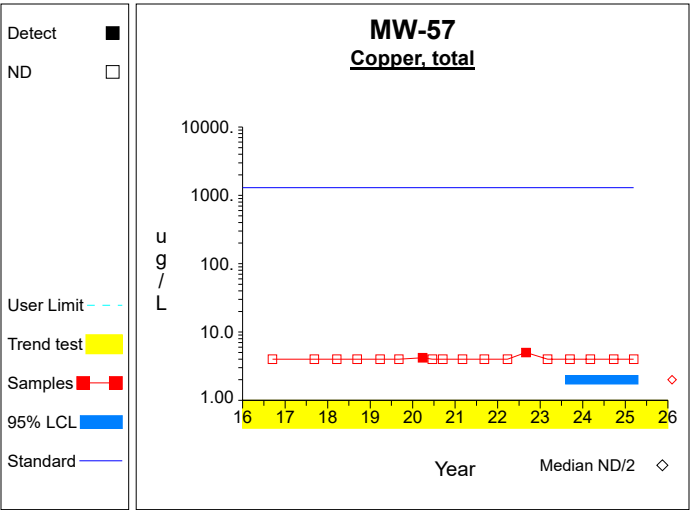
Confidence Limits (Assessment)



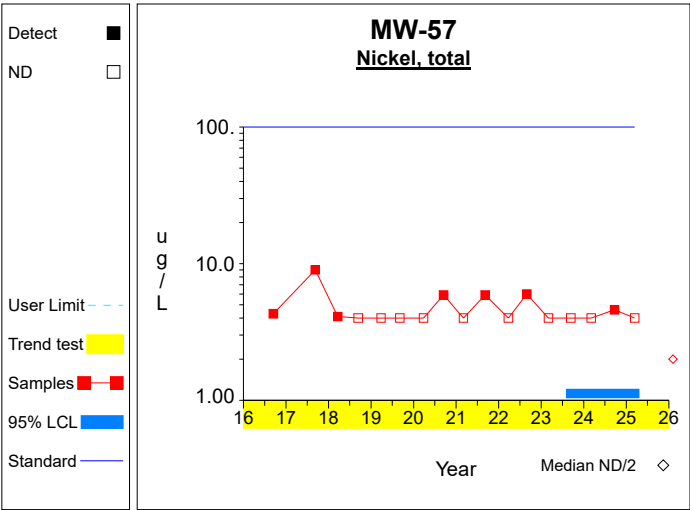
Graph 9



Graph 10

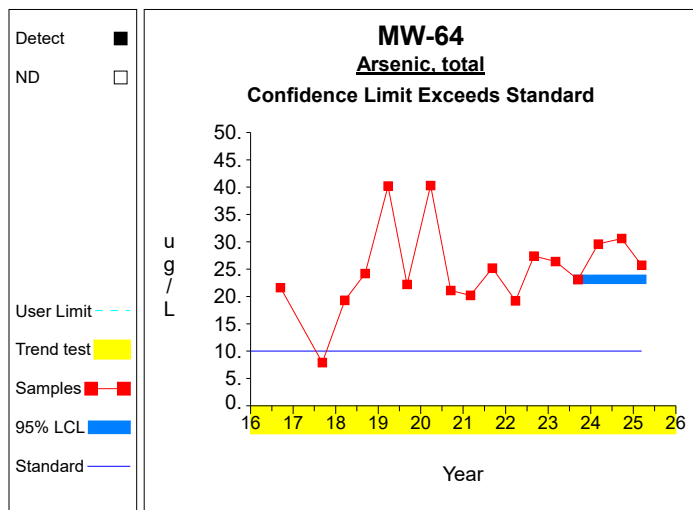


Graph 11

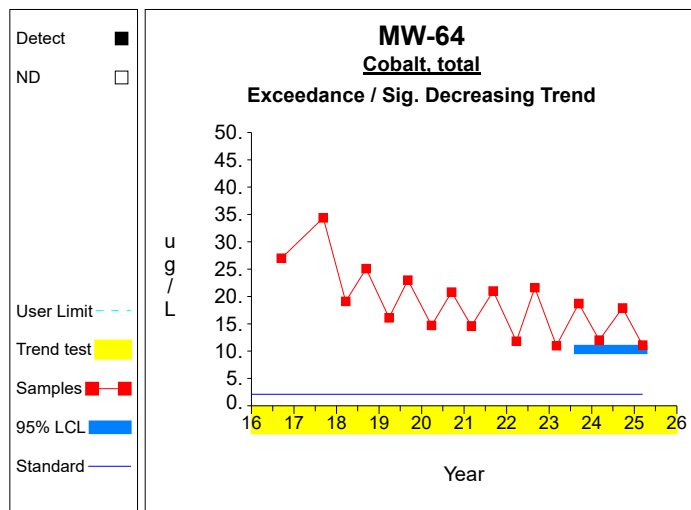


Graph 12

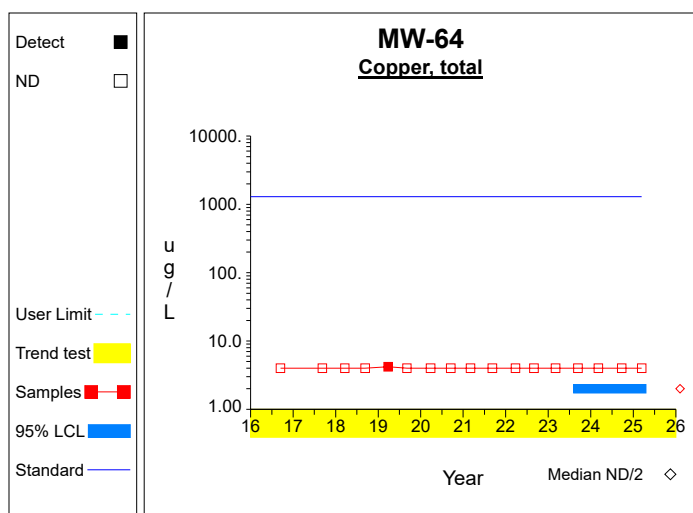
## Confidence Limits (Assessment)



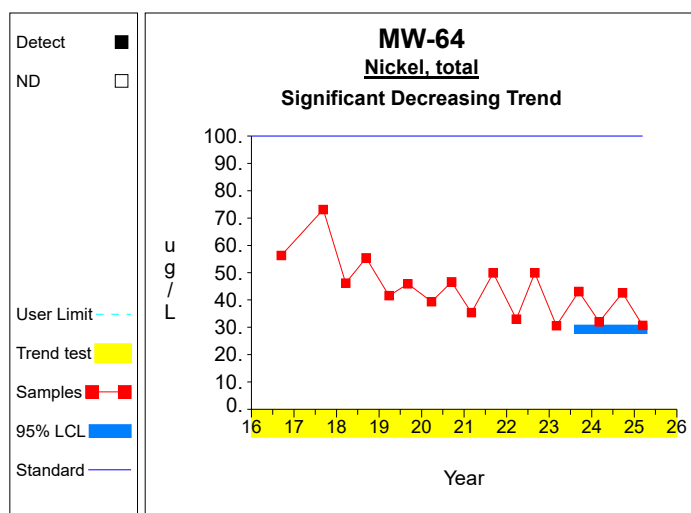
**Graph 13**



**Graph 14**



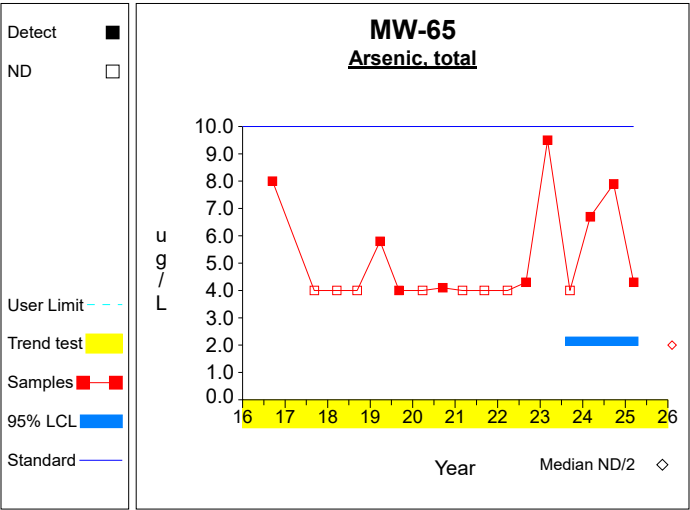
**Graph 15**



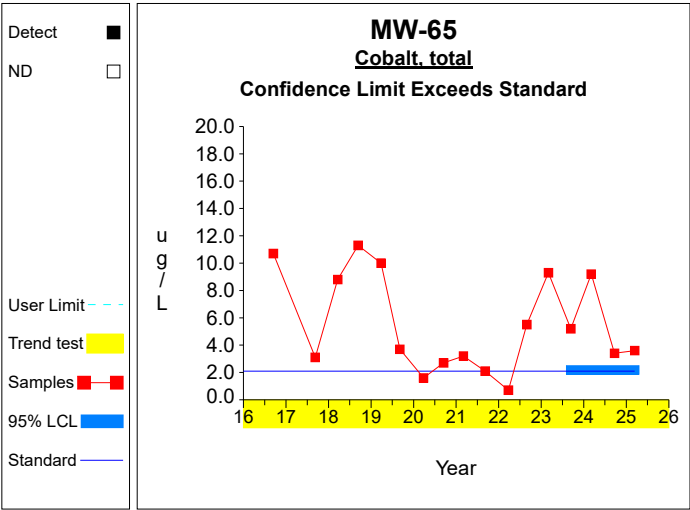
**Graph 16**



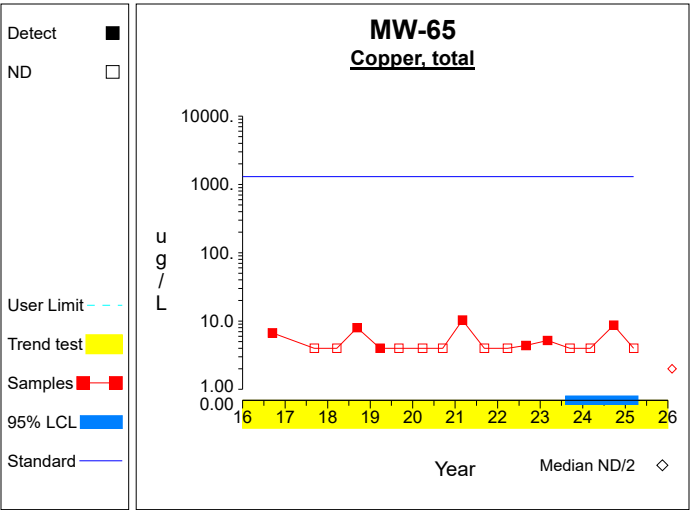
Confidence Limits (Assessment)



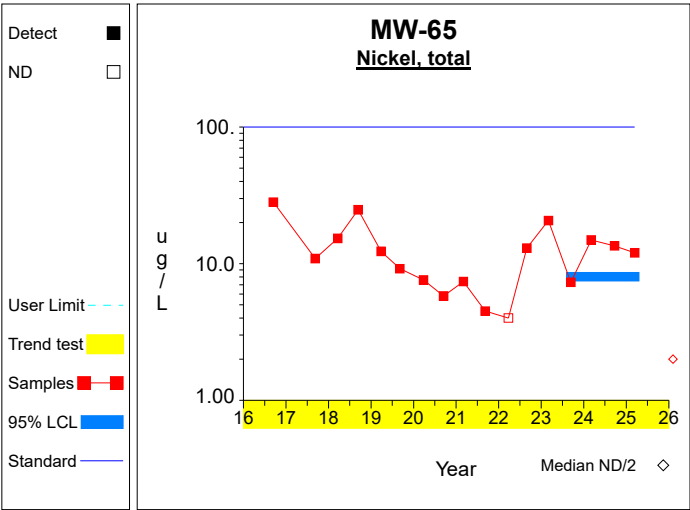
Graph 17



Graph 18



Graph 19



Graph 20

**Attachment E**

Historical Summary of the VOCs Detected

Table 1

## Historical Volatile Organic Compound Detections

| Constituent                 | Well  | Date      | Identifier | Result | Limit | Units |
|-----------------------------|-------|-----------|------------|--------|-------|-------|
| 1,1-dichloroethane          | GWD-1 | 9/08/2011 |            | 1      | 1     | ug/L  |
| Acetone                     | GWD-1 | 9/16/2008 |            | 66.7   | 20.0  | ug/L  |
| Chloroethane                | GWD-1 | 3/06/2009 |            | 1.0    | 1.0   | ug/L  |
| Chloroethane                | GWD-1 | 3/29/2010 |            | 1.4    | 1.0   | ug/L  |
| Chloroethane                | GWD-1 | 9/08/2011 |            | 1.6    | 1.0   | ug/L  |
| Chloroethane                | GWD-1 | 9/25/2012 |            | 1.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | GWD-1 | 3/29/2010 |            | 1.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | GWD-1 | 9/28/2010 |            | 1.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | GWD-1 | 3/22/2011 |            | 1.2    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | GWD-1 | 9/08/2011 |            | 1.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | GWD-1 | 9/25/2012 |            | 1.1    | 1.0   | ug/L  |
| Vinyl chloride              | GWD-1 | 3/29/2010 |            | 1.4    | 1.0   | ug/L  |
| Vinyl chloride              | GWD-1 | 9/28/2010 |            | 1.0    | 1.0   | ug/L  |
| Vinyl chloride              | GWD-1 | 3/22/2011 |            | 1.1    | 1.0   | ug/L  |
| Vinyl chloride              | GWD-1 | 9/08/2011 |            | 1.2    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-39 | 9/25/2013 |            | 9      | 1     | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/27/2010 |            | 18.6   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/23/2011 |            | 16.0   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/08/2011 |            | 22.5   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/09/2012 |            | 14.7   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/25/2012 |            | 16.4   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/15/2013 |            | 16.0   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/25/2013 |            | 16.8   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/25/2014 |            | 16.0   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/24/2014 |            | 19.3   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/11/2015 |            | 23.1   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/16/2015 |            | 24.9   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/22/2016 |            | 24.1   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/15/2016 |            | 26.2   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/23/2017 |            | 24.4   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/08/2017 |            | 23.4   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/19/2018 |            | 26.7   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/11/2018 |            | 24.6   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/26/2019 |            | 24.6   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/04/2019 |            | 26.3   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/26/2020 |            | 30.8   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/15/2020 |            | 25.8   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/02/2021 |            | 24.5   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/07/2021 |            | 24.4   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/24/2022 |            | 25.1   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 8/31/2022 |            | 22.0   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/02/2023 |            | 23.9   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/12/2023 |            | 23.0   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/04/2024 |            | 19.0   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/23/2024 |            | 22.0   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/12/2025 |            | 19.5   | 1.0   | ug/L  |
| 1,2-dichloropropane         | MW-41 | 3/26/2020 |            | 1.2    | 1.0   | ug/L  |
| 1,2-dichloropropane         | MW-41 | 3/02/2023 |            | 1.0    | 1.0   | ug/L  |
| 1,2-dichloropropane         | MW-41 | 9/23/2024 |            | 1.0    | 1.0   | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-41 | 3/09/2012 |            | 22     | 8     | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-41 | 3/25/2014 |            | 83     | 10    | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-41 | 9/16/2015 |            | 10     | 10    | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-41 | 3/26/2020 |            | 8      | 6     | ug/L  |
| Chloroethane                | MW-41 | 3/26/2019 |            | 1.1    | 1.0   | ug/L  |
| Chloroethane                | MW-41 | 3/26/2020 |            | 1.0    | 1.0   | ug/L  |
| Chloroethane                | MW-41 | 9/07/2021 |            | 1.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/08/2011 |            | 1.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/24/2014 |            | 1.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/11/2015 |            | 2.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/16/2015 |            | 2.3    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/22/2016 |            | 2.5    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/15/2016 |            | 2.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/23/2017 |            | 2.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/08/2017 |            | 2.2    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/19/2018 |            | 2.2    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/11/2018 |            | 2.6    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/26/2019 |            | 3.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/04/2019 |            | 3.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/26/2020 |            | 5.3    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/15/2020 |            | 5.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/02/2021 |            | 4.6    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/07/2021 |            | 4.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/24/2022 |            | 4.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 8/31/2022 |            | 4.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/02/2023 |            | 4.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/12/2023 |            | 3.6    | 1.0   | ug/L  |

Detections are shown for the constituents and sample points selected for the analysis  
The Limit column refers to the laboratory reporting limit

Table 1

## Historical Volatile Organic Compound Detections

| Constituent                 | Well  | Date       | Identifier | Result | Limit | Units |
|-----------------------------|-------|------------|------------|--------|-------|-------|
| Cis-1,2-dichloroethylene    | MW-41 | 3/04/2024  |            | 2.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/23/2024  |            | 3.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/12/2025  |            | 3.3    | 1.0   | ug/L  |
| Tetrachloroethylene         | MW-41 | 9/11/2018  |            | 1      | 1     | ug/L  |
| Trichloroethylene           | MW-41 | 9/11/2018  |            | 1.1    | 1.0   | ug/L  |
| 2,4,5-t                     | MW-42 | 3/19/2018  |            | 5.0    | .5    | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-42 | 3/02/2023  |            | 6      | 6     | ug/L  |
| Acetone                     | MW-44 | 9/08/2017  |            | 20     | 10    | ug/L  |
| Acetone                     | MW-45 | 3/02/2021  |            | 21.1   | 10.0  | ug/L  |
| Tetrachloroethylene         | MW-48 | 3/04/2024  |            | 2.3    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 9/14/2016  |            | 5.0    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 9/08/2017  |            | 10.4   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 9/04/2019  |            | 4.7    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 9/15/2020  |            | 6.9    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 9/07/2021  |            | 8.4    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 8/31/2022  |            | 7.4    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 9/12/2023  |            | 4.0    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 3/04/2024  |            | 1.7    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 9/23/2024  |            | 2.6    | 1.0   | ug/L  |
| Benzene                     | MW-56 | 3/11/1992  |            | 7.8    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 6/30/1992  |            | 1.4    | 1.0   | ug/L  |
| Benzene                     | MW-56 | 9/24/1992  |            | 9.7    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 12/29/1992 |            | 8.3    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/26/1995  |            | 10.0   | 5.0   | ug/L  |
| Benzene                     | MW-56 | 12/13/1995 |            | 11.3   | 5.0   | ug/L  |
| Benzene                     | MW-56 | 3/20/1996  |            | 11.1   | 5.0   | ug/L  |
| Benzene                     | MW-56 | 6/19/1996  |            | 11.7   | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/06/1996  |            | 9.6    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 3/27/1997  |            | 10.4   | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/10/1997  |            | 11.3   | 5.0   | ug/L  |
| Benzene                     | MW-56 | 1/20/1998  |            | 9.6    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 3/23/1998  |            | 5.9    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/08/1998  |            | 9.1    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 3/19/1999  |            | 7.4    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/03/1999  |            | 7.6    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 3/24/2000  |            | 9.5    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/15/2000  |            | 7.1    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/04/2001  |            | 6.4    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/12/2002  |            | 7.1    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 3/21/2003  |            | 5.8    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/20/2003  |            | 5.9    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 3/24/2004  |            | .4     | .3    | ug/L  |
| Benzene                     | MW-56 | 9/13/2005  |            | 5.8    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/01/2006  |            | 5.3    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/25/2007  |            | 2.3    | 1.0   | ug/L  |
| Benzene                     | MW-56 | 9/08/2017  |            | 1.4    | 1.0   | ug/L  |
| Benzene                     | MW-56 | 9/07/2021  |            | 1.0    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 12/13/1995 |            | 5.6    | 5.0   | ug/L  |
| Chlorobenzene               | MW-56 | 3/20/1996  |            | 4.7    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 6/19/1996  |            | 4.7    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/06/1996  |            | 4.4    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 3/27/1997  |            | 5.0    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 1/20/1998  |            | 4.8    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/08/1998  |            | 5.1    | 5.0   | ug/L  |
| Chlorobenzene               | MW-56 | 3/19/1999  |            | 4.6    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/03/1999  |            | 5.1    | 5.0   | ug/L  |
| Chlorobenzene               | MW-56 | 3/24/2000  |            | 7.0    | 5.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/15/2000  |            | 5.2    | 5.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/04/2001  |            | 5.4    | 5.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/12/2002  |            | 4.8    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 3/21/2003  |            | 5.3    | 5.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/20/2003  |            | 4.5    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 3/24/2004  |            | .5     | .3    | ug/L  |
| Chlorobenzene               | MW-56 | 9/11/2004  |            | 4.1    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/13/2005  |            | 4.3    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/01/2006  |            | 3.7    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/25/2007  |            | 1.3    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 12/13/1995 |            | 113.0  | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 3/20/1996  |            | 118.0  | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 6/19/1996  |            | 101.0  | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 9/06/1996  |            | 86.5   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 3/27/1997  |            | 71.4   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 9/10/1997  |            | 61.3   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 1/20/1998  |            | 42.7   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 3/23/1998  |            | 27.0   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 9/08/1998  |            | 26.6   | 5.0   | ug/L  |

Detections are shown for the constituents and sample points selected for the analysis  
The Limit column refers to the laboratory reporting limit

Table 1

## Historical Volatile Organic Compound Detections

| Constituent                 | Well   | Date       | Identifier | Result | Limit | Units |
|-----------------------------|--------|------------|------------|--------|-------|-------|
| Cis-1,2-dichloroethylene    | MW-56  | 3/19/1999  |            | 18.6   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56  | 9/03/1999  |            | 13.1   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56  | 3/24/2000  |            | 8.6    | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56  | 9/15/2000  |            | 6.2    | 5.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56  | 12/13/1995 |            | 3.7    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56  | 3/20/1996  |            | 4.4    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56  | 9/06/1996  |            | 3.2    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56  | 3/27/1997  |            | 3.2    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56  | 9/10/1997  |            | 3.0    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56  | 1/20/1998  |            | 2.6    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56  | 9/08/1998  |            | 2.0    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56  | 3/19/1999  |            | 1.1    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56  | 9/03/1999  |            | 1.8    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56  | 3/24/2000  |            | 1.8    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56  | 9/15/2000  |            | 1.3    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56  | 9/12/2002  |            | 1.1    | 1.0   | ug/L  |
| Vinyl chloride              | MW-56  | 12/13/1995 |            | 299.0  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 3/20/1996  |            | 286.0  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 6/19/1996  |            | 287.0  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/06/1996  |            | 255.0  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 3/27/1997  |            | 200.4  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/10/1997  |            | 195.0  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 1/20/1998  |            | 174.0  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 3/23/1998  |            | 99.8   | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/08/1998  |            | 126.0  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 3/19/1999  |            | 63.8   | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/03/1999  |            | 43.0   | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 3/24/2000  |            | 47.9   | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/15/2000  |            | 25.8   | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/04/2001  |            | 9.4    | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/12/2002  |            | 4.5    | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/20/2003  |            | 4.5    | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 3/24/2004  |            | .4     | .2    | ug/L  |
| Vinyl chloride              | MW-56  | 9/11/2004  |            | 3.2    | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/13/2005  |            | 2.7    | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/01/2006  |            | 10.2   | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/25/2007  |            | 2.1    | 2.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/24/2013  |            | 3.3    | 1.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/14/2016  |            | 2.8    | 1.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/08/2017  |            | 4.2    | 1.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/15/2020  |            | 1.9    | 1.0   | ug/L  |
| Vinyl chloride              | MW-56  | 9/07/2021  |            | 2.2    | 1.0   | ug/L  |
| Acetone                     | MW-57  | 9/08/2017  |            | 18.2   | 10.0  | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-57  | 3/02/2023  |            | 7      | 6     | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-58  | 3/26/2020  |            | 6      | 6     | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 9/27/2010  |            | 14.3   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/23/2011  |            | 16.2   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 9/08/2011  |            | 16.2   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/09/2012  |            | 12.0   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 9/25/2012  |            | 14.5   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/15/2013  |            | 10.2   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 9/25/2013  |            | 7.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/25/2014  |            | 8.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 9/24/2014  |            | 3.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/11/2015  |            | 5.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 9/17/2015  |            | 5.3    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/22/2016  |            | 4.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 9/15/2016  |            | 5.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/23/2017  |            | 4.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 9/08/2017  |            | 5.2    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/19/2018  |            | 4.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 9/11/2018  |            | 3.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/26/2019  |            | 2.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 9/04/2019  |            | 3.6    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/26/2020  |            | 2.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 9/15/2020  |            | 2.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/02/2021  |            | 1.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 9/07/2021  |            | 2.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/24/2022  |            | 1.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 8/31/2022  |            | 1.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/02/2023  |            | 1.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 9/12/2023  |            | 1.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/04/2024  |            | 1.0    | 1.0   | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-59  | 3/26/2019  |            | 15     | 6     | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-59  | 12/04/2019 |            | 6      | 6     | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-62R | 9/25/2012  |            | 18     | 8     | ug/L  |

Detections are shown for the constituents and sample points selected for the analysis  
The Limit column refers to the laboratory reporting limit

Table 1

## Historical Volatile Organic Compound Detections

| Constituent                 | Well   | Date       | Identifier | Result | Limit | Units |
|-----------------------------|--------|------------|------------|--------|-------|-------|
| Bis(2-ethylhexyl) phthalate | MW-62R | 9/24/2013  |            | 19     | 10    | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/28/2010  |            | 5.3    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 12/22/2010 |            | 3.1    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 5/17/2011  |            | 3.2    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 7/14/2011  |            | 2.1    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/08/2011  |            | 6.1    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/09/2012  |            | 4.2    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/25/2012  |            | 4.7    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/15/2013  |            | 5.1    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/25/2014  |            | 7.1    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/24/2014  |            | 8.6    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/11/2015  |            | 8.8    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/16/2015  |            | 6.3    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/22/2016  |            | 5.5    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/15/2016  |            | 6.5    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/23/2017  |            | 6.0    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/08/2017  |            | 5.1    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/19/2018  |            | 4.8    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/11/2018  |            | 5.1    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/26/2019  |            | 3.4    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/04/2019  |            | 3.4    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/26/2020  |            | 2.2    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/15/2020  |            | 1.7    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/02/2021  |            | 2.0    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/07/2021  |            | 1.3    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 8/31/2022  |            | 1.6    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/02/2023  |            | 1.9    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/12/2023  |            | 1.4    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/04/2024  |            | 1.0    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/14/2016  |            | 1.9    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/08/2017  |            | 2.0    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/19/2018  |            | 2.6    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/11/2018  |            | 1.2    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/26/2019  |            | 2.4    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/04/2019  |            | 2.3    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/26/2020  |            | 2.4    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/15/2020  |            | 1.8    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/02/2021  |            | 2.7    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/07/2021  |            | 1.6    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/24/2022  |            | 2.1    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 8/31/2022  |            | 1.6    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/02/2023  |            | 2.3    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/12/2023  |            | 1.8    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/04/2024  |            | 1.5    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/23/2024  |            | 1.7    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/12/2025  |            | 1.6    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/03/1999  |            | 1.4    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/24/2000  |            | 2.1    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/15/2000  |            | 1.1    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/20/2001  |            | 1.4    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/20/2002  |            | 1.8    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/12/2002  |            | 2.1    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/21/2003  |            | 1.9    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/20/2003  |            | 1.8    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/24/2004  |            | 1.8    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/03/2005  |            | 1.6    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/13/2005  |            | 1.5    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/16/2006  |            | 1.4    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/01/2006  |            | 1.5    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/27/2007  |            | 1.1    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/25/2007  |            | 1.0    | .3    | ug/L  |
| Benzene                     | MW-64  | 3/20/2008  |            | 1.0    | .3    | ug/L  |
| Benzene                     | MW-64  | 3/20/2008  |            | 1.0    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/16/2008  |            | 1.0    | 1.0   | ug/L  |
| Chlorobenzene               | MW-64  | 9/03/1999  |            | 1.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 3/23/1998  |            | 19.8   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 9/08/1998  |            | 28.2   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 3/19/1999  |            | 46.5   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 9/03/1999  |            | 34.2   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 3/24/2000  |            | 82.1   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 9/15/2000  |            | 43.8   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 3/20/2001  |            | 56.4   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 9/04/2001  |            | 67.0   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 3/20/2002  |            | 82.1   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 9/14/2016  |            | 36.4   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 9/08/2017  |            | 23.7   | 1.0   | ug/L  |

Detections are shown for the constituents and sample points selected for the analysis  
The Limit column refers to the laboratory reporting limit

Table 1

## Historical Volatile Organic Compound Detections

| Constituent                | Well   | Date       | Identifier | Result | Limit | Units |
|----------------------------|--------|------------|------------|--------|-------|-------|
| Cis-1,2-dichloroethylene   | MW-64  | 3/19/2018  |            | 17.2   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64  | 9/11/2018  |            | 15.1   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64  | 3/26/2019  |            | 9.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64  | 9/04/2019  |            | 8.3    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64  | 3/26/2020  |            | 4.6    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64  | 9/15/2020  |            | 6.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64  | 3/02/2021  |            | 7.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64  | 9/07/2021  |            | 7.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64  | 3/24/2022  |            | 3.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64  | 8/31/2022  |            | 5.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64  | 3/02/2023  |            | 3.3    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64  | 9/12/2023  |            | 4.5    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64  | 3/04/2024  |            | 2.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64  | 9/23/2024  |            | 4.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64  | 3/12/2025  |            | 2.0    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene | MW-64  | 9/15/2000  |            | 1.1    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene | MW-64  | 3/20/2001  |            | 1.4    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene | MW-64  | 3/20/2002  |            | 2.0    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene | MW-64  | 9/12/2002  |            | 2.4    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 1/20/1998  |            | 7.4    | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/23/1998  |            | 8.0    | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/08/1998  |            | 12.0   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/19/1999  |            | 17.8   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/03/1999  |            | 12.1   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/24/2000  |            | 59.8   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/15/2000  |            | 19.7   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/20/2001  |            | 35.4   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/04/2001  |            | 35.6   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/20/2002  |            | 44.3   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/12/2002  |            | 51.8   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/21/2003  |            | 56.1   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/20/2003  |            | 57.0   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/24/2004  |            | 65.8   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/11/2004  |            | 65.8   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/03/2005  |            | 81.3   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/13/2005  |            | 85.2   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/16/2006  |            | 103.0  | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/01/2006  |            | 122.0  | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/27/2007  |            | 87.5   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/25/2007  |            | 74.4   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/20/2008  |            | 61.9   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/20/2008  |            | 61.9   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/16/2008  |            | 77.9   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/16/2008  |            | 77.9   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/06/2009  |            | 45.9   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/13/2009  |            | 42.5   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/24/2013  |            | 70.6   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/25/2014  |            | 38.9   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/25/2015  |            | 20.0   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/16/2015  |            | 20.1   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/14/2016  |            | 23.7   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/23/2017  |            | 14.3   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/08/2017  |            | 17.4   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/19/2018  |            | 14.4   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/11/2018  |            | 7.9    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/26/2019  |            | 7.0    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/04/2019  |            | 5.6    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/26/2020  |            | 3.7    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/15/2020  |            | 5.6    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/02/2021  |            | 3.4    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/07/2021  |            | 2.6    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/24/2022  |            | 1.6    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 8/31/2022  |            | 1.7    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/02/2023  |            | 1.9    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/12/2023  |            | 1.8    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 3/04/2024  |            | 2.7    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64  | 9/23/2024  |            | 1.7    | 1.0   | ug/L  |
| Vinyl chloride             | MW-65  | 9/16/2008  |            | 1.2    | 1.0   | ug/L  |
| Vinyl chloride             | MW-65  | 9/16/2008  |            | 1.2    | 1.0   | ug/L  |
| Vinyl chloride             | MW-65  | 9/24/2013  |            | 3.1    | 1.0   | ug/L  |
| Carbon disulfide           | MW-79  | 12/22/2010 |            | 1      | 1     | ug/L  |
| Trichlorofluoromethane     | MW-79  | 3/24/2022  |            | 1.6    | 1.0   | ug/L  |
| Toluene                    | PECS-1 | 9/23/2024  |            | 1.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | SW-101 | 3/23/2017  |            | 1.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | SW-101 | 3/26/2019  |            | 2.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | SW-101 | 9/04/2019  |            | 2.9    | 1.0   | ug/L  |

Detections are shown for the constituents and sample points selected for the analysis  
The Limit column refers to the laboratory reporting limit

Table 1

## Historical Volatile Organic Compound Detections

| Constituent              | Well    | Date       | Identifier | Result | Limit | Units |
|--------------------------|---------|------------|------------|--------|-------|-------|
| Cis-1,2-dichloroethylene | SW-101  | 12/04/2019 |            | 3.6    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101  | 9/04/2019  |            | 1.6    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 3/26/2020  |            | 2.6    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 9/15/2020  |            | 1.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 3/02/2021  |            | 2.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 9/07/2021  |            | 5.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 3/24/2022  |            | 5.5    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 8/31/2022  |            | 6.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 3/02/2023  |            | 5.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 9/12/2023  |            | 6.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 3/04/2024  |            | 4.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 9/23/2024  |            | 3.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 3/12/2025  |            | 2.2    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 9/15/2020  |            | 1.8    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 3/02/2021  |            | 1.8    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 9/07/2021  |            | 4.6    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 3/24/2022  |            | 6.5    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 8/31/2022  |            | 3.9    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 3/02/2023  |            | 5.9    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 9/12/2023  |            | 4.4    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 3/04/2024  |            | 5.3    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 9/23/2024  |            | 3.1    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 3/12/2025  |            | 1.2    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-103  | 12/13/1995 |            | 5.3    | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-103  | 3/20/1996  |            | 1.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-103  | 3/27/1997  |            | 1.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-103  | 3/20/2002  |            | 1.4    | 1.0   | ug/L  |
| Vinyl chloride           | SW-103  | 12/13/1995 |            | 6.2    | 2.0   | ug/L  |

Detections are shown for the constituents and sample points selected for the analysis  
The Limit column refers to the laboratory reporting limit



Table 1

**Confidence Intervals for Comparing the Mean of the Last  
4 Measurements to an Assessment Monitoring Standard**

| Constituent              | Units | Well    | N | Mean   | SD    | Factor | 95% LCL | 95% UCL | Standard | Trend |
|--------------------------|-------|---------|---|--------|-------|--------|---------|---------|----------|-------|
| 1,1-dichloroethane       | ug/L  | MW-41   | 4 | 20.875 | 1.931 | 1.176  | 18.603  | 23.147  | 140.000  | inc   |
| 1,2-dichloropropane      | ug/L  | MW-41   | 4 | 0.625  | 0.250 | 1.176  | 0.331   | 0.919   | 5.000    |       |
| Cis-1,2-dichloroethylene | ug/L  | MW-41   | 4 | 3.100  | 0.510 | 1.176  | 2.500   | 3.700   | 70.000   |       |
| Toluene                  | ug/L  | MW-41   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 1000.000 |       |
| Trichlorofluoromethane   | ug/L  | MW-41   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 2000.000 |       |
| Vinyl chloride           | ug/L  | MW-41   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 2.000    |       |
| 1,1-dichloroethane       | ug/L  | MW-56   | 4 | 2.200  | 1.476 | 1.176  | 0.463   | 3.937   | 140.000  |       |
| 1,2-dichloropropane      | ug/L  | MW-56   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 5.000    |       |
| Cis-1,2-dichloroethylene | ug/L  | MW-56   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 70.000   |       |
| Toluene                  | ug/L  | MW-56   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 1000.000 |       |
| Trichlorofluoromethane   | ug/L  | MW-56   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 2000.000 |       |
| Vinyl chloride           | ug/L  | MW-56   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 2.000    |       |
| 1,1-dichloroethane       | ug/L  | MW-58   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 140.000  | dec   |
| 1,2-dichloropropane      | ug/L  | MW-58   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 5.000    |       |
| Cis-1,2-dichloroethylene | ug/L  | MW-58   | 4 | 0.925  | 0.568 | 1.176  | 0.257   | 1.593   | 70.000   |       |
| Toluene                  | ug/L  | MW-58   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 1000.000 |       |
| Trichlorofluoromethane   | ug/L  | MW-58   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 2000.000 |       |
| Vinyl chloride           | ug/L  | MW-58   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 2.000    |       |
| 1,1-dichloroethane       | ug/L  | MW-62R  | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 140.000  | dec   |
| 1,2-dichloropropane      | ug/L  | MW-62R  | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 5.000    |       |
| Cis-1,2-dichloroethylene | ug/L  | MW-62R  | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 70.000   |       |
| Toluene                  | ug/L  | MW-62R  | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 1000.000 |       |
| Trichlorofluoromethane   | ug/L  | MW-62R  | 4 | 0.850  | 0.436 | 1.176  | 0.337   | 1.363   | 2000.000 |       |
| Vinyl chloride           | ug/L  | MW-62R  | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 2.000    |       |
| 1,1-dichloroethane       | ug/L  | MW-64   | 4 | 1.650  | 0.129 | 1.176  | 1.498   | 1.802   | 140.000  | dec   |
| 1,2-dichloropropane      | ug/L  | MW-64   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 5.000    |       |
| Cis-1,2-dichloroethylene | ug/L  | MW-64   | 4 | 3.250  | 1.234 | 1.176  | 1.798   | 4.702   | 70.000   |       |
| Toluene                  | ug/L  | MW-64   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 1000.000 |       |
| Trichlorofluoromethane   | ug/L  | MW-64   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 2000.000 |       |
| Vinyl chloride           | ug/L  | MW-64   | 4 | 1.675  | 0.903 | 1.176  | 0.613   | 2.737   | 2.000    | dec   |
| 1,1-dichloroethane       | ug/L  | SW-101R | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 140.000  |       |
| 1,2-dichloropropane      | ug/L  | SW-101R | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 5.000    |       |
| Cis-1,2-dichloroethylene | ug/L  | SW-101R | 4 | 3.900  | 1.587 | 1.176  | 2.033   | 5.767   | 70.000   |       |
| Toluene                  | ug/L  | SW-101R | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 1000.000 |       |
| Trichlorofluoromethane   | ug/L  | SW-101R | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 2000.000 |       |
| Vinyl chloride           | ug/L  | SW-101R | 4 | 3.500  | 1.780 | 1.176  | 1.407   | 5.593   | 2.000    |       |

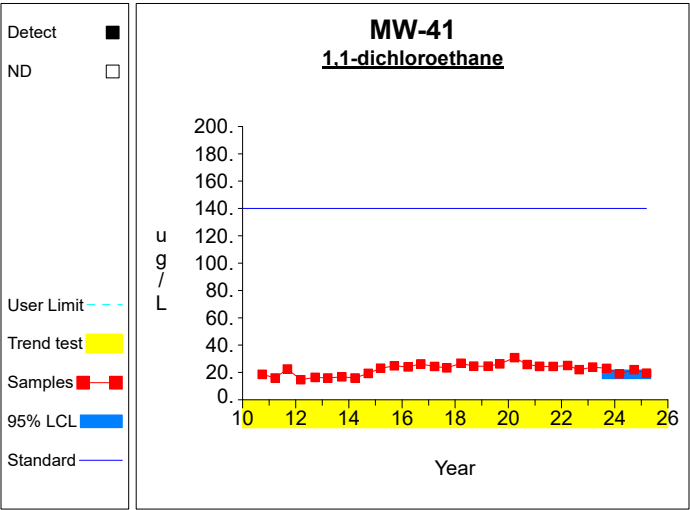
\* - Insufficient Data

\*\* - Significant Exceedance

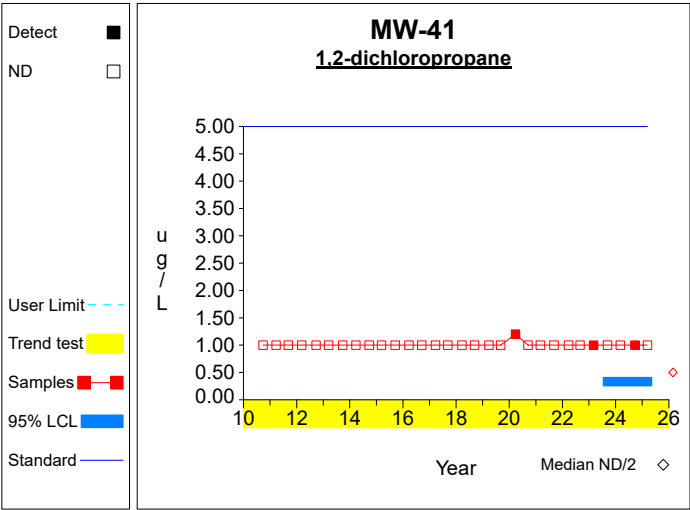
LCL = Lower Confidence Limit

UCL = Upper Confidence Limit

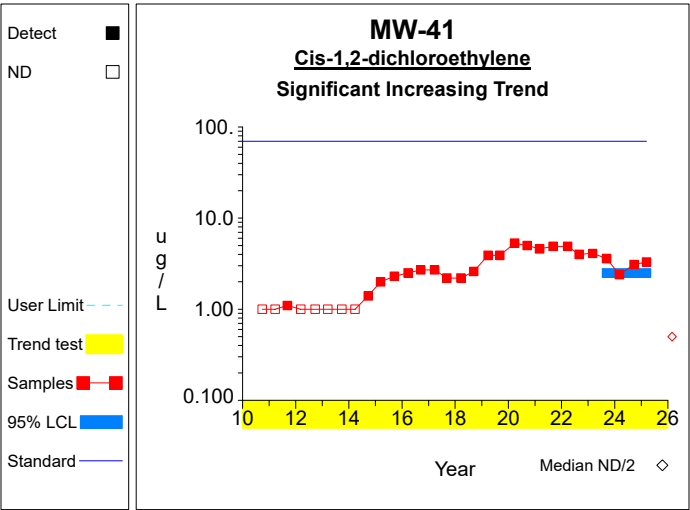
**Confidence Limits (Assessment)**



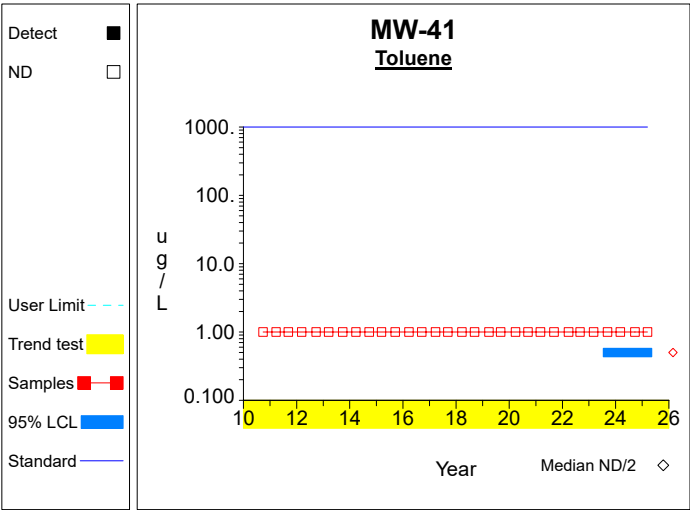
**Graph 1**



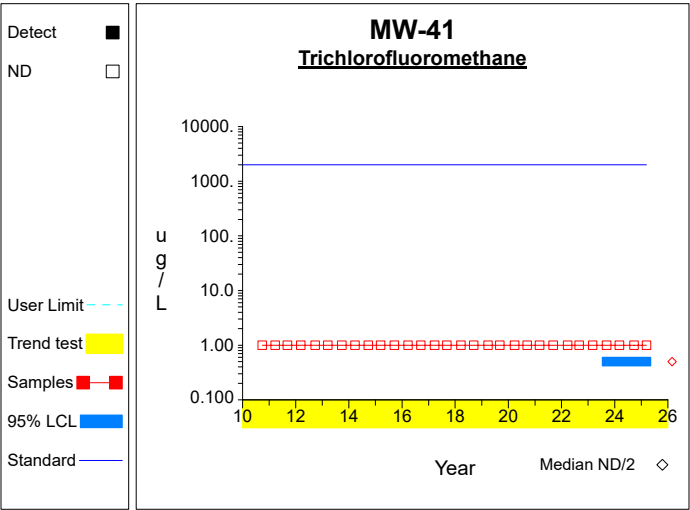
**Graph 2**



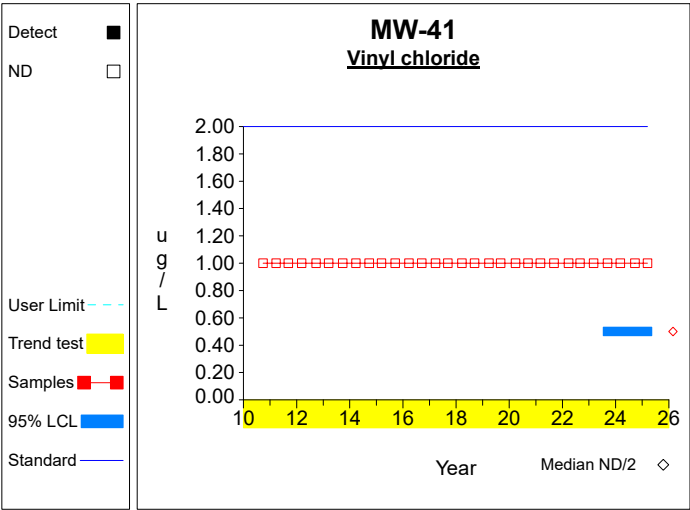
**Graph 3**



**Graph 4**

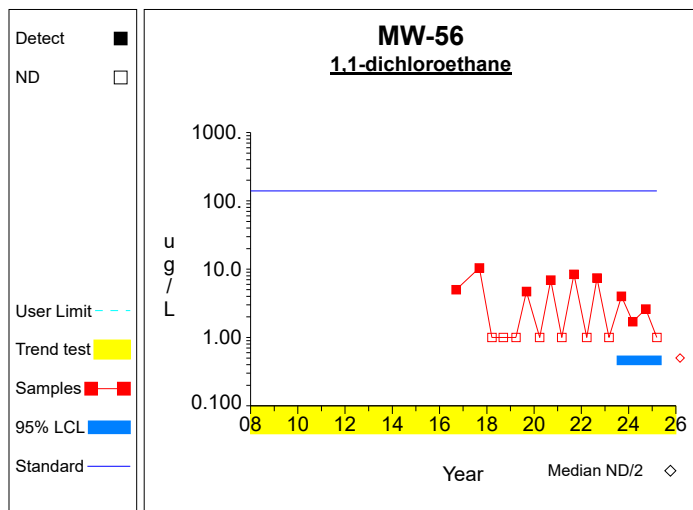


**Graph 5**

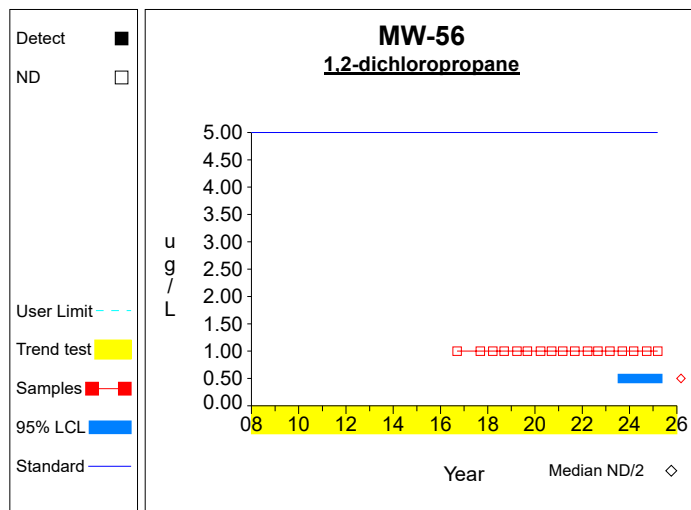


**Graph 6**

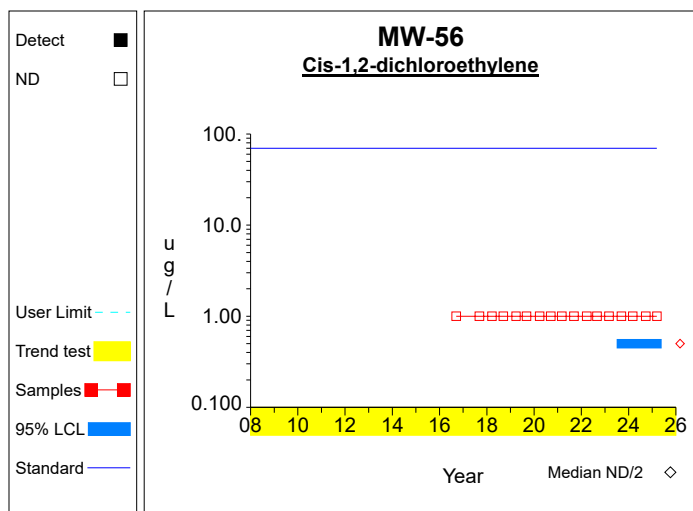
## Confidence Limits (Assessment)



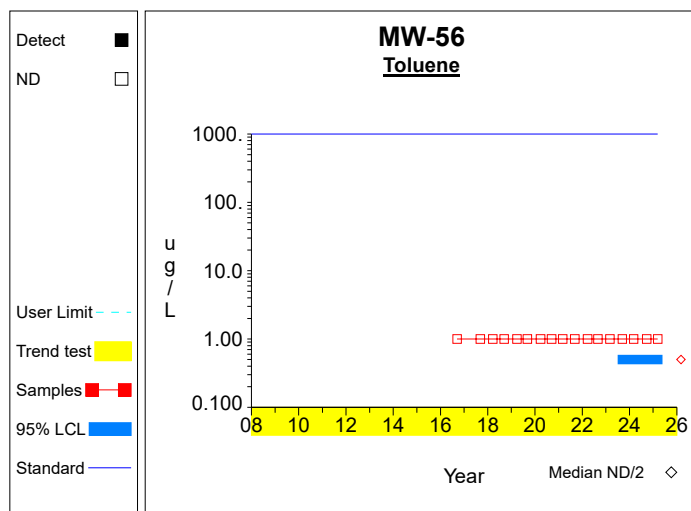
**Graph 7**



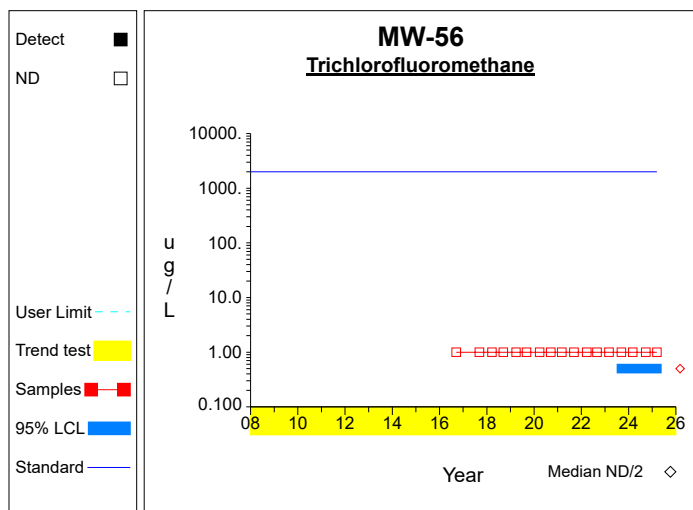
**Graph 8**



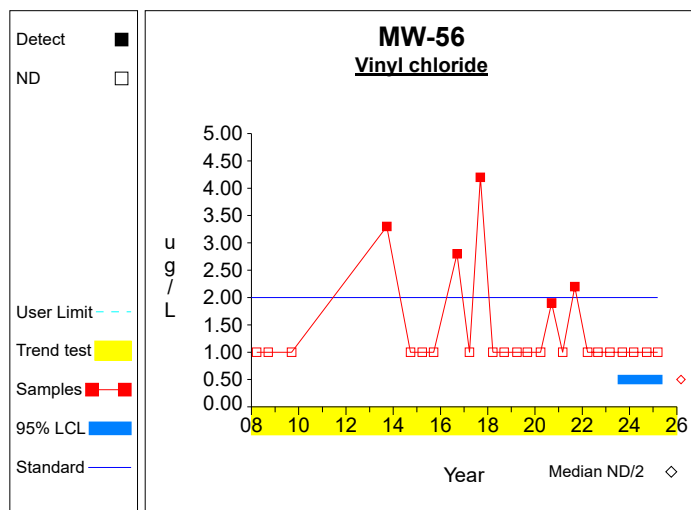
**Graph 9**



**Graph 10**

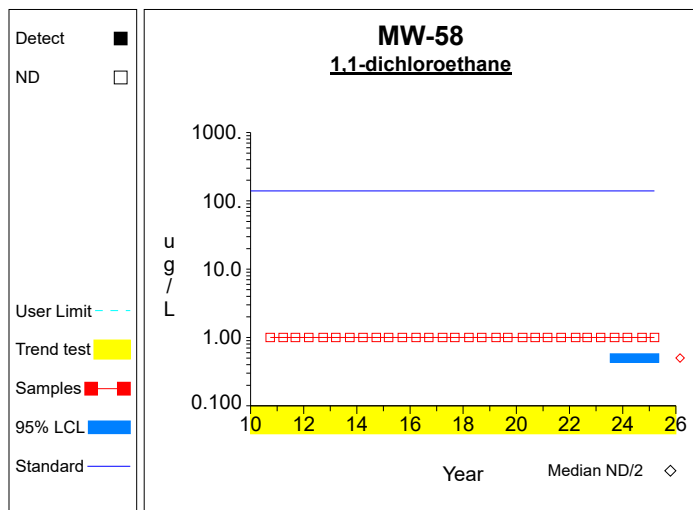


**Graph 11**

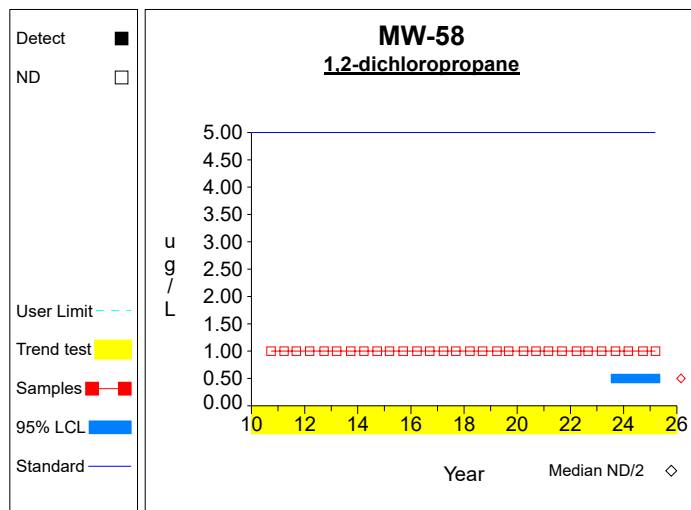


**Graph 12**

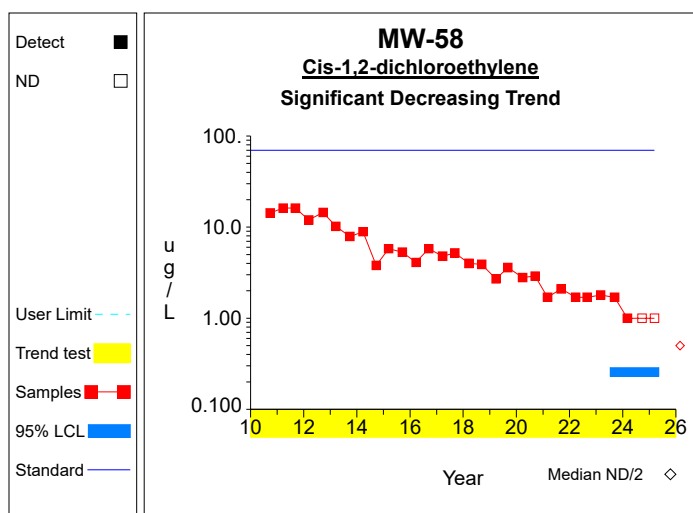
## Confidence Limits (Assessment)



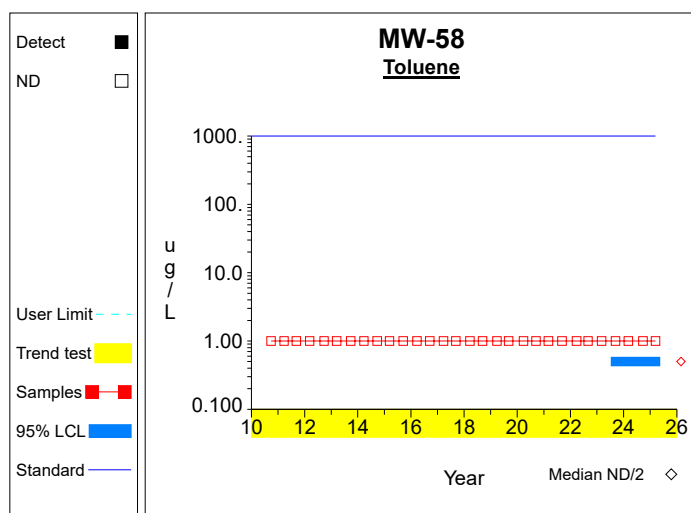
**Graph 13**



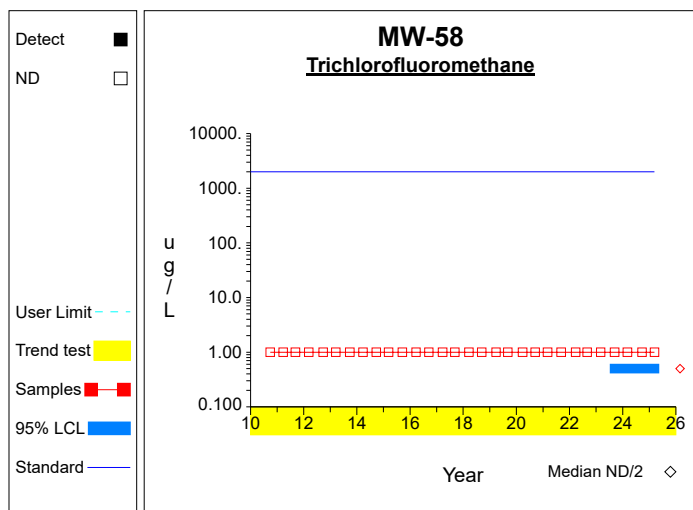
**Graph 14**



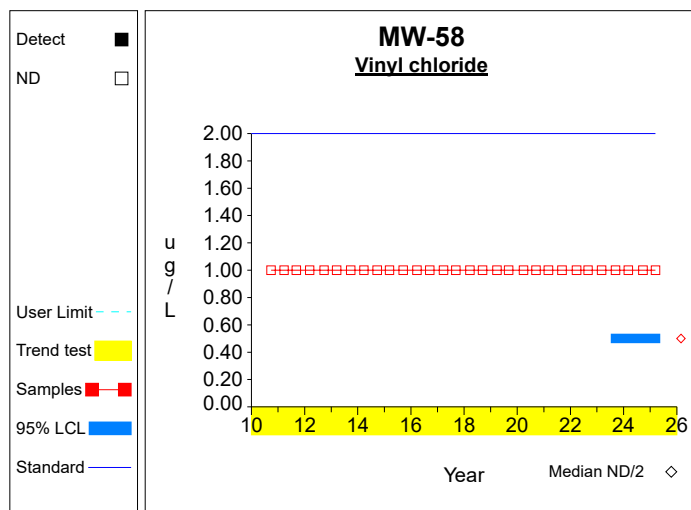
**Graph 15**



**Graph 16**

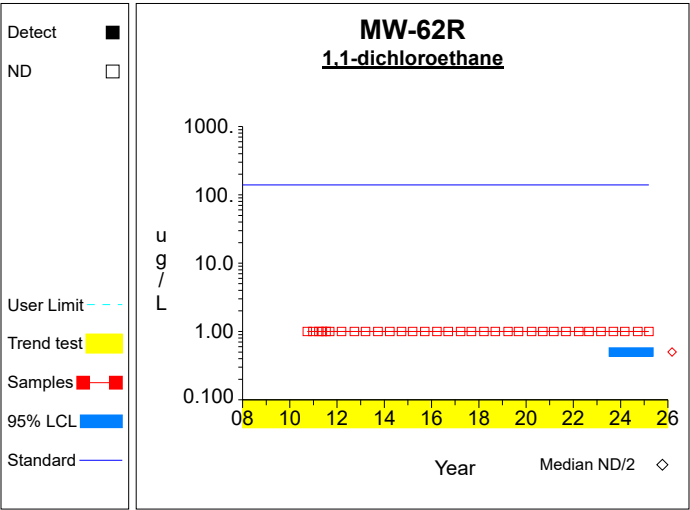


**Graph 17**

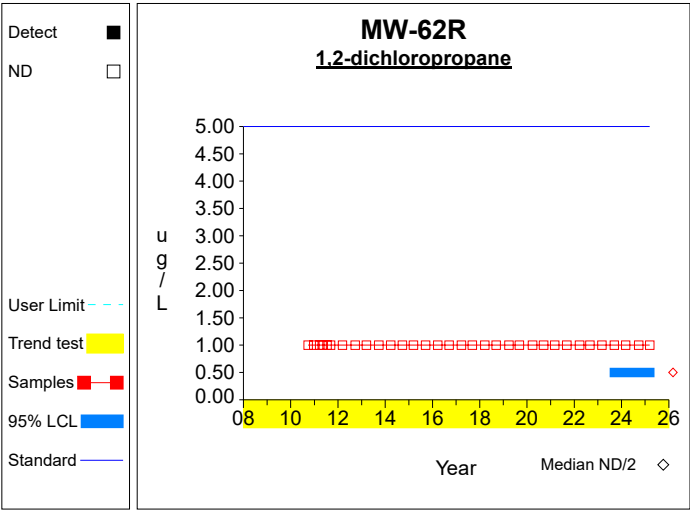


**Graph 18**

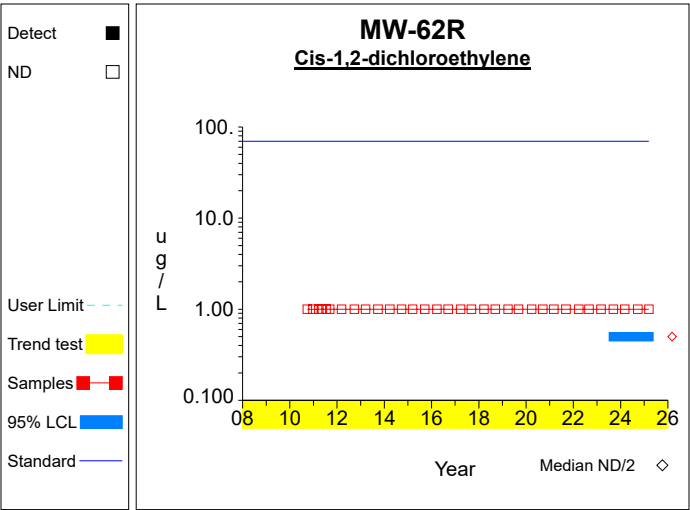
**Confidence Limits (Assessment)**



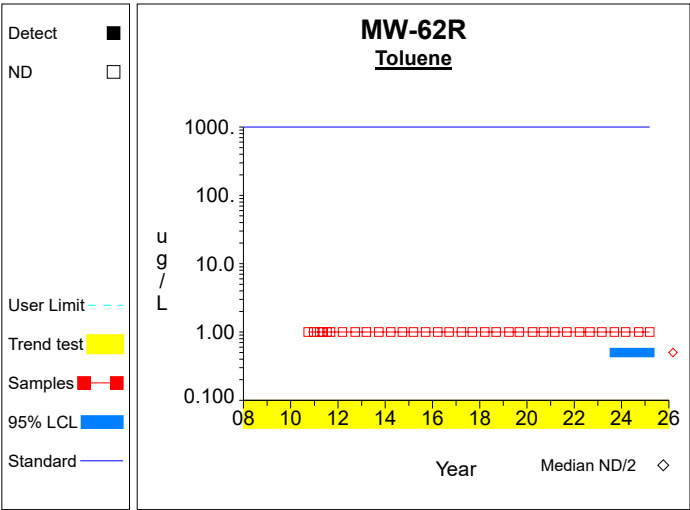
**Graph 19**



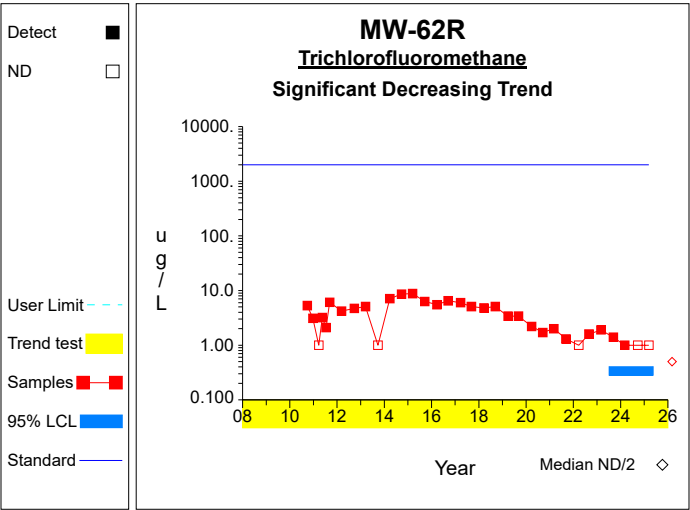
**Graph 20**



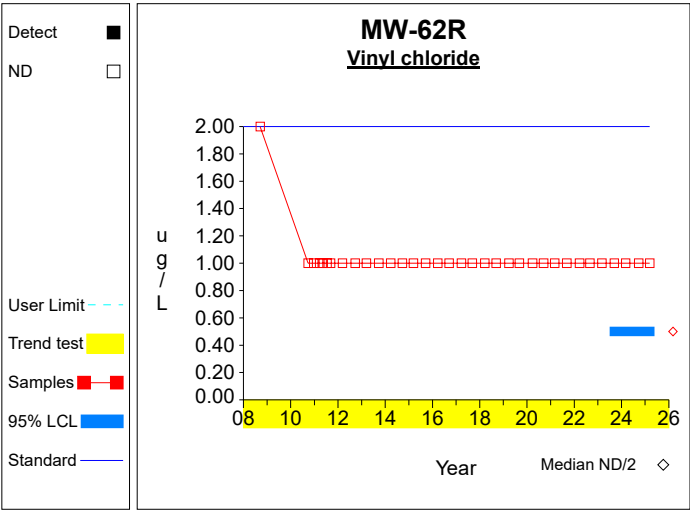
**Graph 21**



**Graph 22**

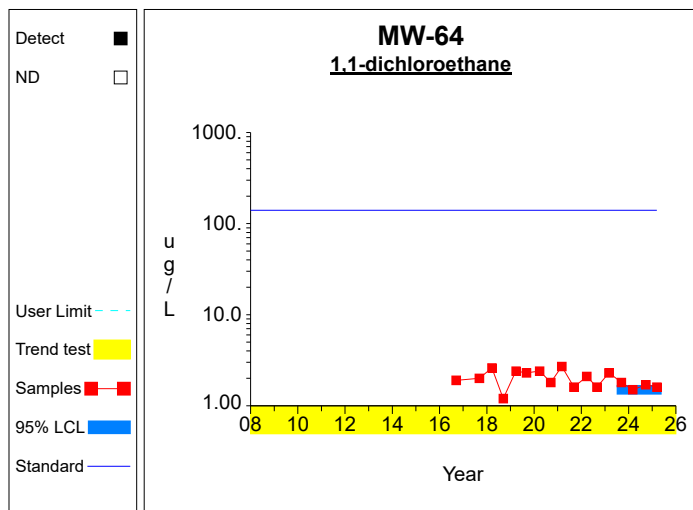


**Graph 23**

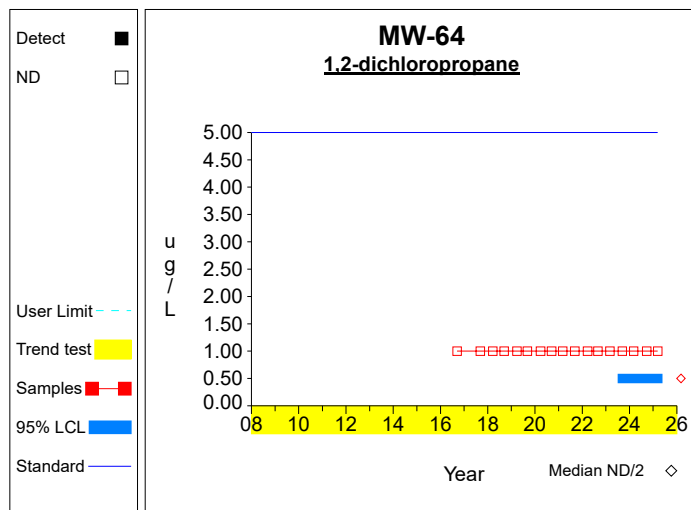


**Graph 24**

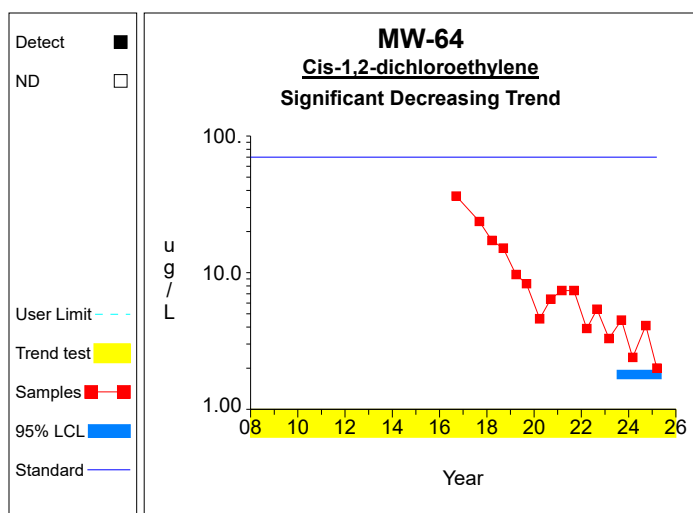
## Confidence Limits (Assessment)



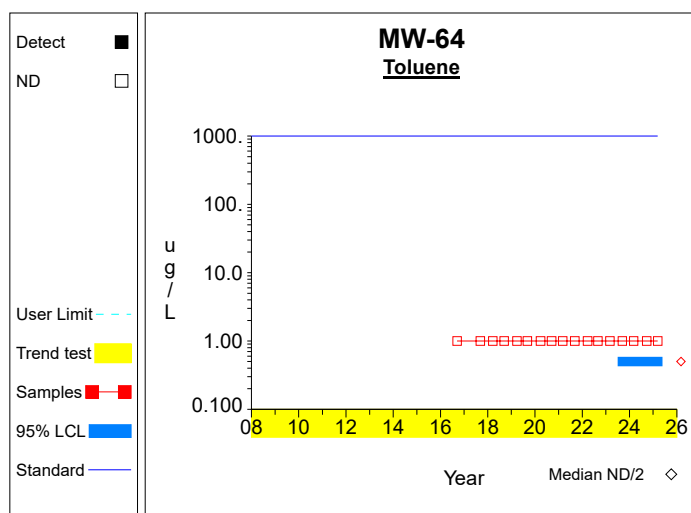
**Graph 25**



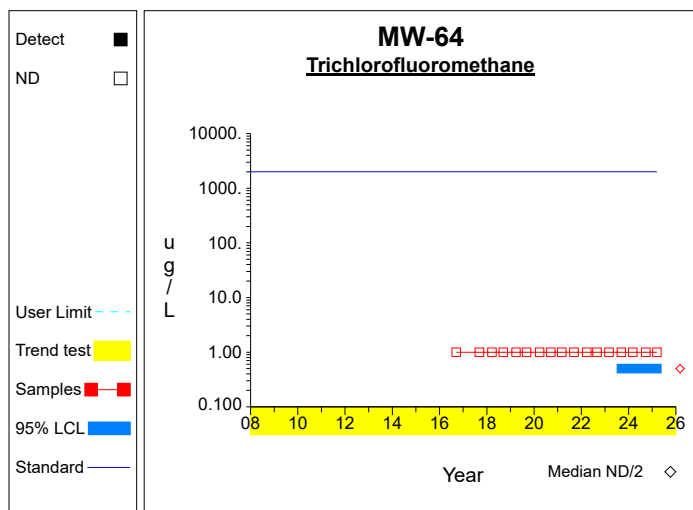
**Graph 26**



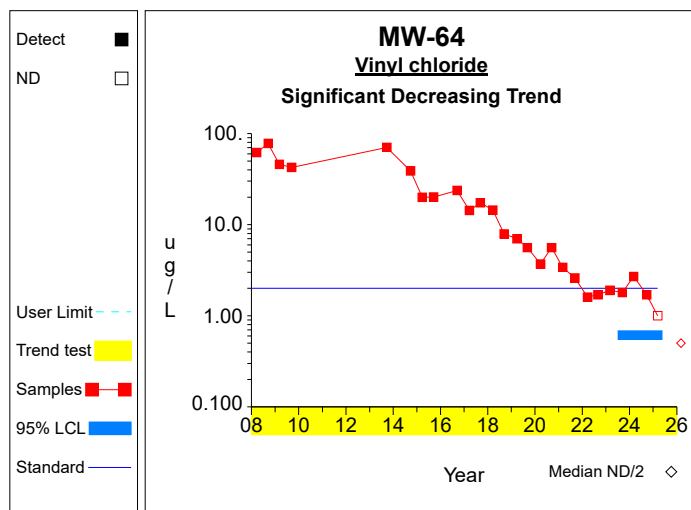
**Graph 27**



**Graph 28**

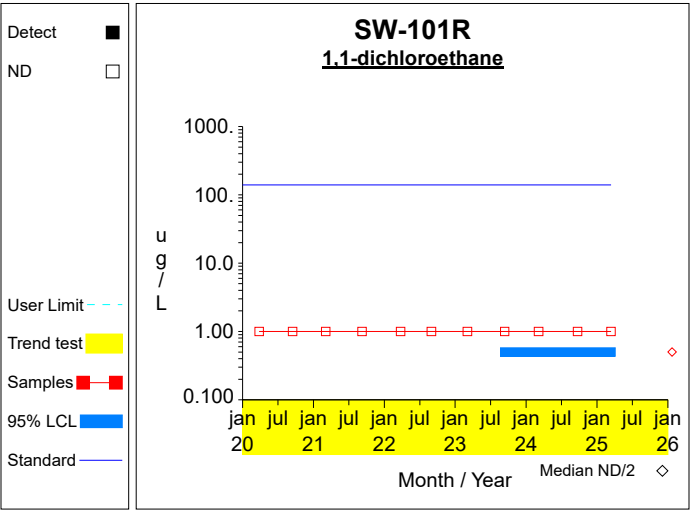


**Graph 29**

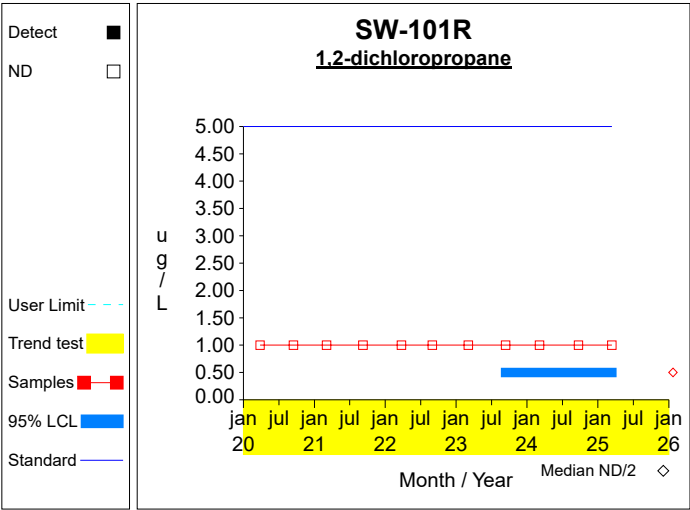


**Graph 30**

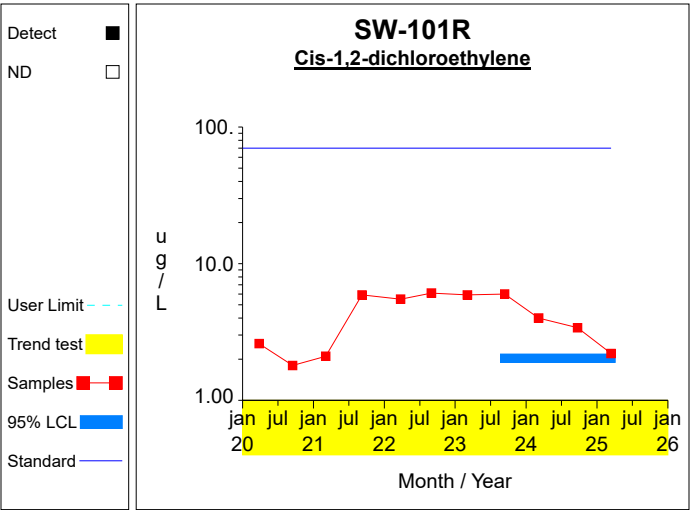
Confidence Limits (Assessment)



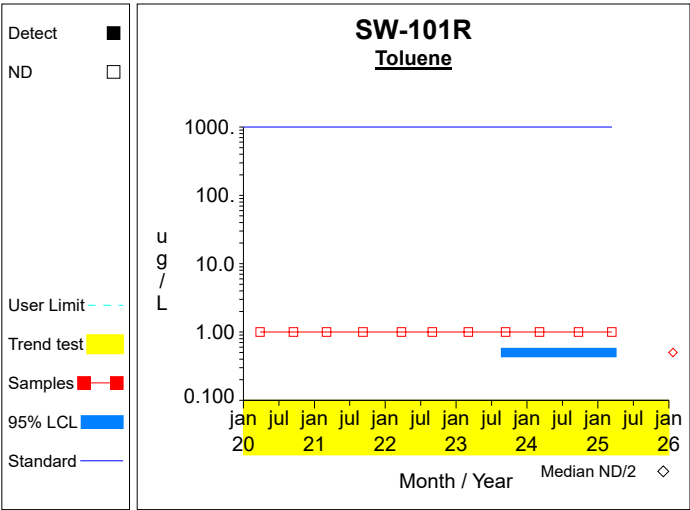
Graph 31



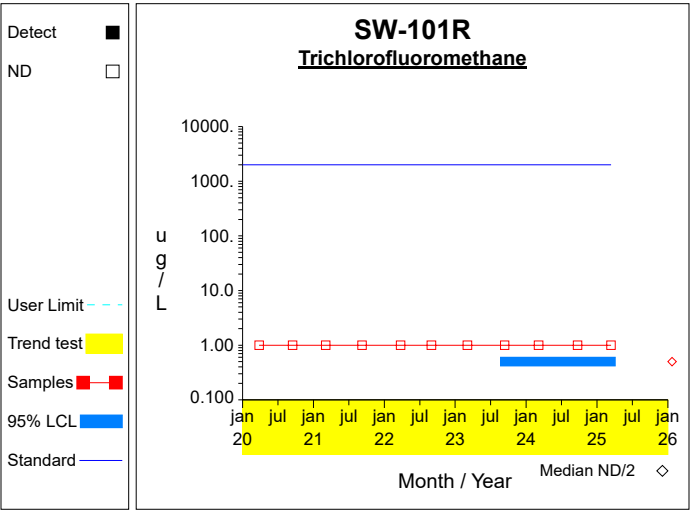
Graph 32



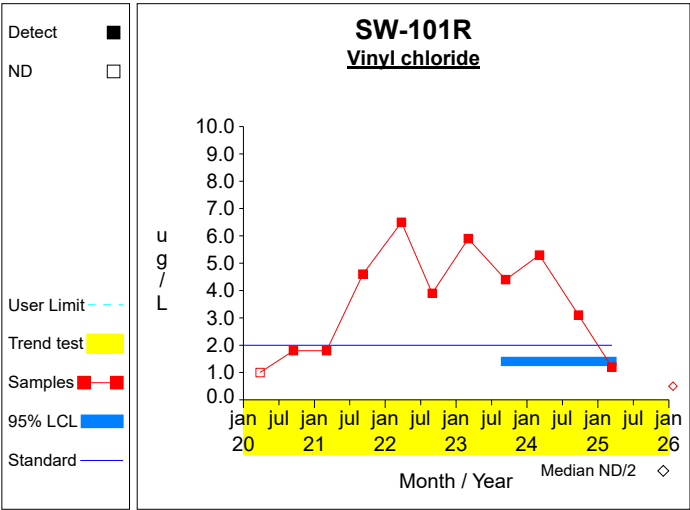
Graph 33



Graph 34



Graph 35



Graph 36





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**GROUND WATER STATISTICS**  
**FOR THE**  
**NEWTON SANITARY LANDFILL**

**Second Semi-Annual Monitoring Event in 2025**

Prepared for:  
**City of Newton Sanitary Landfill**  
3202 Ia-14  
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**September 2025**

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## INTRODUCTION

This report summarizes the results of the statistical analysis used to evaluate the ground water quality data obtained during the second semi-annual monitoring event in 2025 at the Newton Sanitary Landfill in Newton, Jasper County, Iowa. The statistical plan was designed to detect a release from the facility at the earliest indication so that it is protective of human health and the environment. The interwell method is described and applied to the Newton Landfill data. The statistical plan conforms with IAC 567, Chapter 113.10, USEPA guidance document (*“Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Unified Guidance”*, March 2009), and the American Society for Testing and Materials (ASTM) standard D6312-98, *Developing Appropriate Statistical Approaches for Ground-Water Detection Monitoring Programs*.

## Ground Water Monitoring Program

The groundwater monitoring network for Newton Sanitary Landfill includes GWD-1, MW-36, MW-39, MW-41, MW-42, MW-48, MW-58, MW-59, MW-60, MW-61, MW-62R, MW-78, MW-79, and MW-80. Each of the groundwater monitoring wells is to be sampled at least semiannually and analyzed for the detection monitoring parameters listed in 113.10(5), which includes 15 inorganic constituents and 47 organic compounds, summarized in Table 1 below.

**Table 1:** Detection monitoring constituents listed in Appendix I of IAC 567, Chapter 113.

### Organic Compounds:

|                             |                                     |                           |
|-----------------------------|-------------------------------------|---------------------------|
| Acetone                     | <i>trans</i> -1,4-Dichloro-2-butene | Iodomethane               |
| Acrylonitrile               | 1,1-Dichloroethane                  | 4-Methyl-2-pentanone      |
| Benzene                     | 1,2-Dichloroethane                  | Styrene                   |
| Bromochloromethane          | 1,1-Dichloroethene                  | 1,1,1,2-Tetrachloroethane |
| Bromodichloromethane        | <i>cis</i> -1,2-Dichloroethene      | 1,1,2,2-Tetrachloroethane |
| Bromoform                   | <i>trans</i> -1,2-Dichloroethene    | Tetrachloroethene         |
| Carbon disulfide            | 1,2-Dichloropropane                 | Toluene                   |
| Carbon tetrachloride        | <i>cis</i> -1,3-Dichloropropene     | 1,1,1-Trichloroethane     |
| Chlorobenzene               | <i>trans</i> -1,3-Dichloropropene   | 1,1,2-Trichloroethane     |
| Chloroethane                | Ethylbenzene                        | Trichloroethene           |
| Chloroform                  | 2-Hexanone                          | Trichlorofluoromethane    |
| Dibromochloromethane        | Bromomethane                        | 1,2,3-Trichloropropane    |
| 1,2-Dibromo-3-chloropropane | Chloromethane                       | Vinyl acetate             |
| 1,2-Dibromoethane           | Dibromomethane                      | Vinyl chloride            |
| 1,2-Dichlorobenzene         | Methylene chloride                  | Xylenes (Total)           |
| 1,4-Dichlorobenzene         | 2-Butanone                          |                           |

### Inorganic constituents:

|                  |                 |                 |
|------------------|-----------------|-----------------|
| Antimony, Total  | Chromium, Total | Selenium, Total |
| Arsenic, Total   | Cobalt, Total   | Silver, Total   |
| Barium, Total    | Copper, Total   | Thallium, Total |
| Beryllium, Total | Lead, Total     | Vanadium, Total |
| Cadmium, Total   | Nickel, Total   | Zinc, Total     |

The ground water data obtained during the second semi-annual monitoring event in 2025 are summarized in Attachment A.

## STATISTICAL METHODOLOGIES FOR DETECTION MONITORING

IAC 567, Chapter 113.10(4) provides several options for statistically evaluating the ground water data at those wells that monitor the open cells or contiguous MSWLF units. The preferred methods for comparing ground water data are using either prediction limits or using control charts. The interwell method was applied to the Newton Landfill data using the DUMPStat<sup>®</sup> statistical program. Ground water statistics are to be done on the inorganic constituents listed. The organic constituents are compared to maximum contaminant levels (MCLs) or practical quantitation limits (PQLs), in lieu of statistical comparisons to historical concentrations.

### Interwell Statistics: Upgradient versus Downgradient Comparisons

Interwell statistics are appropriate when the upgradient and downgradient wells monitor the same ground water formation and there is similar variability in the upgradient and downgradient zones. Site prediction limits are determined by pooling the historical ground water data from hydraulically upgradient wells. This statistical method compares the current downgradient determinations to site prediction limits and checks for exceedances. The type of prediction limit utilized (e.g., parametric or nonparametric) is based on the detection frequency and the data distribution of each parameter in the background data. The distribution of the background data is tested for normality using the Shapiro-Wilk test (Gibbons, 1994 and USEPA 1992). If the constituent is normally distributed, a normal prediction limit is used. If normality is rejected by the Shapiro-Wilk test, the background data is transformed by taking the natural logarithm. The Shapiro-Wilk test is then reapplied on the transformed data. If it is not rejected, lognormal prediction limits are used. If after transforming the data, normality is still rejected, nonparametric prediction limits are used for that analyte. The nonparametric prediction limit is the largest determination in the background measurements. For constituents where the background detection frequency is greater than 0% but less than 50%, nonparametric prediction limits will be used. If the detection frequency is 0% after thirteen samples have been collected, the practical quantitation limit (PQL) becomes the nonparametric prediction limit.

### Results of the Interwell Statistics

The prior background data used in the statistical analysis included the ground water data collected from ground water wells MW-62R and MW-78. Since there were verified detections of trichlorofluoromethane at MW-62R, it was recommended that MW-62R not be used as a background well. In its' place, MW-48 and MW-39 were added as background points. Additionally, SW-101 was approved as a background point. The background data used in this statistical analysis includes the ground water data collected from ground water wells MW-39, MW-48, MW-78, and SW-101 during the period from September 2014 through the current data. A summary of the background data from monitoring wells MW-39, MW-48, MW-78, and SW-101 used to determine the site prediction limits are listed in Attachment B, Table 1 "Upgradient Data". This statistical method compares the current downgradient determinations to site prediction limits and checks for exceedances.

Table 2 "Most Current Downgradient Monitoring Data", summarizes the current data from downgradient wells MW-36, MW-41, MW-42, MW-58, MW-59, MW-60, MW-61, MW-62R, MW-79, MW-80, and SW-101R compared to the site prediction limits. Prediction limit exceedances are flagged with asterisks. For the most current data, the current site prediction limit exceedances are summarized in the table below.

**Trace Metal Prediction Limit Exceedances during the Second Semi-Annual Monitoring Event in 2025**

| Well   | Trace Metal Detected | Result, µg/L | Prediction Limit, µg/L | Prediction Limit Type | Verified/<br>Awaiting verification | Ground Water Standard, µg/L |
|--------|----------------------|--------------|------------------------|-----------------------|------------------------------------|-----------------------------|
| MW-58  | Nickel               | 13.1         | 8.7000                 | Nonparametric         | Verified                           | 100 <sup>a</sup>            |
| MW-60  | Nickel               | 15.2         | 8.7000                 | Nonparametric         | Awaiting verification              | 100 <sup>a</sup>            |
| MW-61  | Copper               | 6.5          | 4.0000                 | Nonparametric         | Awaiting verification              | 1300 <sup>b</sup>           |
| MW-62R | Barium               | 1130         | 357.0000               | Nonparametric         | Verified                           | 2000 <sup>a</sup>           |
| SW-102 | Copper               | 7.8          | 4.0000                 | Nonparametric         | Awaiting verification              | 1300 <sup>b</sup>           |

a – USEPA MCL

b – Iowa Statewide Standard

The detection frequencies of the parameters in the up and down gradient monitoring wells are summarized in Table 3. With the exception of barium, these constituents are rarely detected in the upgradient wells. With the detection frequencies being less than 50% for all but barium, nonparametric site prediction limits are used for those trace metals.

Table 4 summarizes the results of the Shapiro-Wilk test. The background barium data are normally distributed so barium uses a normal site prediction limit. Table 5 is a summary of the statistics and prediction limits determined for the metals. Time series graphs of each of the parameters at each well with the corresponding prediction limits are attached.

A statistical power curve indicates the expected false assessments for the site as a whole. The false positive rate for interwell analyses is the percentage of failures when the upgradient versus downgradient true mean difference equals zero. False negative rate indicates the chance of missing contamination at a single well for a single constituent. The statistical power is a function of the number of wells included, the number of constituents compared, the detection frequencies, and the data distributions involved. For interwell analysis, the site-wide false positive rate is 1% and the test becomes sensitive to 3 standard deviation unit increases over background.

The past and present verified trace metal exceedances were evaluated against the ground water protection standards (GWPS) using confidence limits calculated in accordance with the Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, USEPA, March 2009. The analysis was conducted to evaluate whether verified concentrations are significantly above the water quality standard. The 95% lower confidence limit (LCL) for the mean of the historical data was used to evaluate whether the regulated unit is in compliance with the ground-water protection standards under 40 CFR 264 (e.g. whether the verified constituent is detected at a significant level above the GWPS). An exceedance is verified if the LCL is above the Regulatory GWPS.

The 95% LCLs calculated for the metals which exceeded site prediction limits are below the respective GWPS (Attachment C).

### **Results of the Interwell Statistics – Old Landfill**

The current ground water data from monitoring wells MW-44, MW-56, MW-57, MW-64, and MW-65 were compared to site prediction limits established from monitoring wells MW-39, MW-48, MW-78, and

SW-101. A summary of the background data from monitoring wells MW-39, MW-48, MW-78, and SW-101 used to determine the site prediction limits are listed in Attachment D, Table 1 “Upgradient Data”. This statistical method compares the current downgradient determinations to site prediction limits and checks for exceedances.

Table 2 “Most Current Downgradient Monitoring Data”, summarizes the current data from downgradient wells MW-44, MW-56, MW-57, MW-64, and MW-65 compared to the site prediction limits. Prediction limit exceedances are flagged with asterisks. For the most current data, the current site prediction limit exceedances are summarized in the table below.

**Trace Metal Prediction Limit Exceedances during the Second Semi-Annual Monitoring Event in 2025**

| Well  | Trace Metal Detected | Result, µg/L | Prediction Limit, µg/L | Prediction Limit Type | Verified/<br>Awaiting verification | Ground Water Standard, µg/L |
|-------|----------------------|--------------|------------------------|-----------------------|------------------------------------|-----------------------------|
| MW-44 | Cobalt               | 8.9          | 6.9000                 | Nonparametric         | Verified                           | 2.1 <sup>b</sup>            |
|       | Copper               | 9.9          | 4.0000                 | Nonparametric         | Awaiting verification              | 1300 <sup>b</sup>           |
|       | Nickel               | 12.0         | 8.7000                 | Nonparametric         | Verified                           | 100 <sup>a</sup>            |
| MW-56 | Antimony             | 2.2          | 2.0000                 | Nonparametric         | Awaiting verification              | 6 <sup>a</sup>              |
| MW-64 | Arsenic              | 23.5         | 7.3000                 | Nonparametric         | Verified                           | 10 <sup>a</sup>             |
|       | Cobalt               | 15.9         | 6.9000                 | Nonparametric         | Verified                           | 2.1 <sup>b</sup>            |
|       | Nickel               | 40.3         | 8.7000                 | Nonparametric         | Verified                           | 100 <sup>a</sup>            |
| MW-65 | Arsenic              | 13.2         | 7.3000                 | Nonparametric         | Awaiting verification              | 100 <sup>a</sup>            |
|       | Cadmium              | 0.8          | 0.8000                 | Nonparametric         | Awaiting verification              | 5 <sup>a</sup>              |
|       | Cobalt               | 15.6         | 6.9000                 | Nonparametric         | Awaiting verification              | 2.1 <sup>b</sup>            |
|       | Copper               | 8.1          | 4.0000                 | Nonparametric         | Awaiting verification              | 1300 <sup>b</sup>           |
|       | Nickel               | 40.6         | 8.7000                 | Nonparametric         | Verified                           | 100 <sup>a</sup>            |
|       | Zinc                 | 56.8         | 32.3000                | Nonparametric         | Awaiting verification              | 2000 <sup>b</sup>           |

a – USEPA MCL

b – Iowa Statewide Standard

The detection frequencies of the parameters in the up and down gradient monitoring wells are summarized in Table 3. With the exception of barium, these constituents are rarely detected in the upgradient wells. With the detection frequencies being less than 50% for all but barium, nonparametric site prediction limits are used for those trace metals.

Table 4 summarizes the results of the Shapiro-Wilk test. The background barium data are normally distributed so barium uses a normal site prediction limit. Table 5 is a summary of the statistics and prediction limits determined for the metals. Time series graphs of each of the parameters at each well with the corresponding prediction limits are attached.

A statistical power curve indicates the expected false assessments for the site as a whole. The false positive rate for interwell analyses is the percentage of failures when the upgradient versus downgradient true mean difference equals zero. False negative rate indicates the chance of missing contamination at a single well for a single constituent. The statistical power is a function of the number of wells included, the number of

constituents compared, the detection frequencies, and the data distributions involved. For interwell analysis, the site-wide false positive rate is 1% and the test becomes sensitive to 3 standard deviation unit increases over background.

The past and present verified trace metal exceedances were evaluated against the ground water protection standards (GWPS) using confidence limits.

The 95% LCL for cobalt at MW-44 (9.020 µg/L) exceeds the GWPS of 2.1 µg/L.

The 95% LCL for arsenic at MW-64 (23.439 µg/L) exceeds the GWPS of 10 µg/L.

The 95% LCL for cobalt at MW-64 (10.442 µg/L) exceeds the GWPS of 2.1 µg/L.

The 95% LCLs calculated for the remainder of the metals which exceeded site prediction limits are below the respective GWPS.

### Volatile Organic Compounds

Volatile Organic Compounds (VOCs) are generally man-made compounds not present in ambient ground water. If VOCs are detected above their statistical limit (i.e., the laboratory PQL or reporting limit), a verification resample will be conducted at the next scheduled sampling event. A statistical exceedance will be indicated if the VOC detection is confirmed by the subsequent monitoring. VOCs detected in the ground water at Newton Landfill during the second semi-annual monitoring event in 2025 are summarized below. Historical VOC detections are summarized in Attachment E.

#### VOCs detected during the Second Semi-Annual Monitoring Event in 2025

| Well    | VOC Detected                   | Result, µg/L | Reporting Limit, µg/L | Verified/<br>Awaiting Verification | Ground Water<br>Standard |
|---------|--------------------------------|--------------|-----------------------|------------------------------------|--------------------------|
| MW-41   | 1,1-Dichloroethane             | 21.0         | 1                     | Verified                           | 140 <sup>b</sup>         |
|         | 1,2-Dichloropropane            | 1.2          | 1                     | Awaiting verification              | 5 <sup>a</sup>           |
|         | <i>cis</i> -1,2-Dichloroethene | 4.4          | 1                     | Verified                           | 70 <sup>a</sup>          |
| MW-48   | Carbon disulfide               | 1.6          | 1                     | Awaiting verification              | 700 <sup>b</sup>         |
| SW-101R | <i>cis</i> -1,2-Dichloroethene | 3.0          | 1                     | Verified                           | 70 <sup>a</sup>          |
|         | Vinyl chloride                 | 3.3          | 1                     | Verified                           | 2 <sup>a</sup>           |

a - USEPA MCL, b – Iowa Statewide Standard

**VOCs detected during the Second Semi-Annual Monitoring Event in 2025 – Old Landfill**

| Well  | VOC Detected                   | Result, µg/L | Reporting Limit, µg/L | Verified/<br>Awaiting Verification | Ground Water<br>Standard |
|-------|--------------------------------|--------------|-----------------------|------------------------------------|--------------------------|
| MW-44 | Carbon disulfide               | 1.6          | 1                     | Awaiting verification              | 700 <sup>b</sup>         |
| MW-64 | 1,1-Dichloroethane             | 1.8          | 1                     | Verified                           | 140 <sup>b</sup>         |
|       | Carbon disulfide               | 2.9          | 1                     | Awaiting verification              | 700 <sup>b</sup>         |
|       | <i>cis</i> -1,2-Dichloroethene | 3.2          | 1                     | Verified                           | 70 <sup>a</sup>          |
|       | Vinyl chloride                 | 1.4          | 1                     | Awaiting verification              | 2 <sup>a</sup>           |

a - USEPA MCL, b – Iowa Statewide Standard

Carbon disulfide detections at MW-48, MW-44, and MW-64 are likely artifacts of the sampling or analysis. The verified VOC detections were evaluated against the ground water protection standards (GWPS) using confidence limits calculated in accordance with the Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, USEPA, March 2009. The analysis was conducted to evaluate whether verified concentrations are significantly above the water quality standard. The 95% lower confidence limit (LCL) for the mean of the historical data was used to evaluate whether the regulated unit is in compliance with the ground-water protection standards under 40 CFR 264 (e.g. whether the verified constituent is detected at a significant level above the GWPS). An exceedance is verified if the LCL is above the Regulatory GWPS.

The 95% LCLs calculated for the verified VOCs are below the respective GWPS

## CONCLUSIONS

This report summarizes the statistical analyses used to evaluate the ground water data obtained during the second semi-annual monitoring event in 2025 at Newton Sanitary Landfill. The ground water data was compared to background using prediction limits. There are verified site prediction limit exceedances for nickel at MW-58; barium at MW-62R; cobalt and nickel at MW-44; arsenic, cobalt, and nickel at MW-64; and nickel at MW-65.

The VOC data obtained during the second semi-annual monitoring event in 2025 were compared to MCLs or PQLs. There were verified detections of 1,1-dichloroethane and *cis*-1,2-dichloroethene at MW-41; *cis*-1,2-dichloroethene and vinyl chloride at SW-101R; and 1,1-dichloroethane and *cis*-1,2-dichloroethene at MW-64.

**Attachment A**

Summary of the Data obtained during the Second Semi-Annual Monitoring Event in 2025



Table 1

## Analytical Data Summary for 9/3/2025

| Constituents                | Units | MW-36 | MW-39 | MW-41 | MW-42 | MW-44 | MW-48 | MW-56 | MW-57 | MW-58 | MW-59 | MW-60 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1,1,1,2-tetrachloroethane   | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,1,1-trichloroethane       | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,1,2,2-tetrachloroethane   | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,1,2-trichloroethane       | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,1-dichloroethane          | ug/L  | <1.0  | <1.0  | 21.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  |
| 1,1-dichloroethylene        | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,2,3-trichloropropane      | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,2-dibromo-3-chloropropane | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| 1,2-dibromoethane           | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,2-dichlorobenzene         | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,2-dichloroethane          | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 1,2-dichloropropane         | ug/L  | <1.0  | <1.0  | 1.2   | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  |
| 1,4-dichlorobenzene         | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| 2-butanone (mek)            | ug/L  | <10   | <10   | <10   | <10   | <10   | <10   | <10   | <10   | <10   | <10   | <10   |
| 2-hexanone (mbk)            | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| 4-methyl-2-pentanone (mibk) | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| Acetone                     | ug/L  | <10   | <10   | <10   | <10   | <10   | <10   | <10   | <10   | <10   | <10   | <10   |
| Acrylonitrile               | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| Antimony, total             | ug/L  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | 2.2   | <1.0  | <1.0  | <1.0  | <1.0  |
| Arsenic, total              | ug/L  | <2.0  | <2.0  | <2.0  | <2.0  | 5.5   | <2.0  | <2.0  | <2.0  | <2.0  | <2.0  | <2.0  |
| Barium, total               | ug/L  | 153.0 | 131.0 | 80.4  | 25.6  | 152.0 | 168.0 | 46.0  | 343.0 | 25.5  | 46.1  | 326.0 |
| Benzene                     | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Beryllium, total            | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| Bromochloromethane          | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Bromodichloromethane        | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Bromoform                   | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Bromomethane                | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Cadmium, total              | ug/L  | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    | .2    | <2    | .2    |
| Carbon disulfide            | ug/L  | <1.0  | <1.0  | <1.0  | <1.0  | 1.6   | 1.6   | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  |
| Carbon tetrachloride        | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Chlorobenzene               | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Chloroethane                | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Chloroform                  | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Chloromethane               | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Chromium, total             | ug/L  | 1.0   | <1.0  | 1.0   | 1.1   | 1.2   | <1.0  | <1.0  | 1.0   | 1.2   | 1.1   | 1.2   |
| Cis-1,2-dichloroethylene    | ug/L  | <1.0  | <1.0  | 4.4   | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  |
| Cis-1,3-dichloropropene     | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Cobalt, total               | ug/L  | <5    | <5    | <5    | <5    | 8.9   | <5    | 3.3   | .5    | <5    | <5    | <5    |
| Copper, total               | ug/L  | <5.0  | <5.0  | <5.0  | <5.0  | 9.9   | <5.0  | <5.0  | <5.0  | <5.0  | <5.0  | <5.0  |
| Dibromochloromethane        | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Dibromomethane              | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Ethylbenzene                | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Lead, total                 | ug/L  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  |
| Methyl iodide               | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Methylene chloride          | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| Nickel, total               | ug/L  | <5.0  | <5.0  | <5.0  | <5.0  | 12.0  | <5.0  | 6.8   | <5.0  | 13.1  | <5.0  | 15.2  |
| Selenium, total             | ug/L  | <2.0  | <2.0  | 2.6   | <2.0  | <2.0  | <2.0  | <2.0  | <2.0  | <2.0  | <2.0  | <2.0  |
| Silver, total               | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| Styrene                     | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Tetrachloroethylene         | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Thallium, total             | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| Toluene                     | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Trans-1,2-dichloroethylene  | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Trans-1,3-dichloropropene   | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Trans-1,4-dichloro-2-butene | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| Trichloroethylene           | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Trichlorofluoromethane      | ug/L  | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    | <1    |
| Vanadium, total             | ug/L  | <2.0  | <2.0  | <2.0  | <2.0  | <2.0  | <2.0  | <2.0  | <2.0  | <2.0  | <2.0  | <2.0  |
| Vinyl acetate               | ug/L  | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    | <5    |
| Vinyl chloride              | ug/L  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  |
| Xylenes, total              | ug/L  | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    | <2    |
| Zinc, total                 | ug/L  | 11.4  | <5.0  | 9.8   | 12.7  | 25.1  | 9.6   | 13.3  | 14.8  | 8.0   | 6.1   | 13.4  |

\* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

## Analytical Data Summary for 9/3/2025

| Constituents                | MW-61 | MW-62R | MW-64 | MW-65 | MW-78 | MW-79 | MW-80 | PECS-1 | SW-101R | SW-102 | SW-103 |
|-----------------------------|-------|--------|-------|-------|-------|-------|-------|--------|---------|--------|--------|
| 1,1,1,2-tetrachloroethane   | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,1,1-trichloroethane       | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,1,2,2-tetrachloroethane   | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,1,2-trichloroethane       | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,1-dichloroethane          | <1.0  | <1.0   | 1.8   | <1.0  | <1.0  | <1.0  | <1.0  | <1.0   | <1.0    | <1.0   | <1.0   |
| 1,1-dichloroethylene        | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,2,3-trichloropropane      | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,2-dibromo-3-chloropropane | <5    | <5     | <5    | <5    | <5    | <5    | <5    | <5     | <5      | <5     | <5     |
| 1,2-dibromoethane           | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,2-dichlorobenzene         | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,2-dichloroethane          | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 1,2-dichloropropane         | <1.0  | <1.0   | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  | <1.0   | <1.0    | <1.0   | <1.0   |
| 1,4-dichlorobenzene         | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| 2-butanone (mek)            | <10   | <10    | <10   | <10   | <10   | <10   | <10   | <10    | <10     | <10    | <10    |
| 2-hexanone (mbk)            | <5    | <5     | <5    | <5    | <5    | <5    | <5    | <5     | <5      | <5     | <5     |
| 4-methyl-2-pentanone (mibk) | <5    | <5     | <5    | <5    | <5    | <5    | <5    | <5     | <5      | <5     | <5     |
| Acetone                     | <10   | <10    | <10   | <10   | <10   | <10   | <10   | <10    | <10     | <10    | <10    |
| Acrylonitrile               | <5    | <5     | <5    | <5    | <5    | <5    | <5    | <5     | <5      | <5     | <5     |
| Antimony, total             | <1.0  | <1.0   | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  |        | <1.0    | <1.0   | <1.0   |
| Arsenic, total              | <2.0  | <2.0   | 23.5  | 13.2  | <2.0  | <2.0  | <2.0  |        | 4.0     | 2.1    | 2.2    |
| Barium, total               | 61.1  | 1130.0 | 48.1  | 77.3  | 301.0 | 54.9  | 120.0 |        | 228.0   | 176.0  | 176.0  |
| Benzene                     | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Beryllium, total            | <.5   | <.5    | <.5   | <.5   | <.5   | <.5   | <.5   |        | <.5     | <.5    | <.5    |
| Bromochloromethane          | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Bromodichloromethane        | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Bromoform                   | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Bromomethane                | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Cadmium, total              | <.2   | <.2    | <.2   | .8    | <.2   | <.2   | <.2   |        | <.2     | <.2    | <.2    |
| Carbon disulfide            | <1.0  | <1.0   | 2.9   | <1.0  | <1.0  | <1.0  | <1.0  | <1.0   | <1.0    | <1.0   | <1.0   |
| Carbon tetrachloride        | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Chlorobenzene               | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Chloroethane                | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Chloroform                  | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Chloromethane               | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Chromium, total             | 1.3   | 1.2    | 1.2   | 1.7   | <1.0  | <1.0  | <1.0  |        | <1.0    | <1.0   | 1.9    |
| Cis-1,2-dichloroethylene    | <1.0  | <1.0   | 3.2   | <1.0  | <1.0  | <1.0  | <1.0  | <1.0   | 3.0     | <1.0   | <1.0   |
| Cis-1,3-dichloropropene     | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Cobalt, total               | <.5   | <.5    | 15.9  | 15.6  | <.5   | <.5   | .6    |        | 4.2     | .5     | 1.3    |
| Copper, total               | 6.5   | <5.0   | <5.0  | 8.1   | <5.0  | <5.0  | <5.0  |        | <5.0    | 7.8    | <5.0   |
| Dibromochloromethane        | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Dibromomethane              | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Ethylbenzene                | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Lead, total                 | <1.0  | <1.0   | <1.0  | <1.0  | <1.0  | <1.0  | <1.0  |        | <1.0    | <1.0   | 2.2    |
| Methyl iodide               | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Methylene chloride          | <5    | <5     | <5    | <5    | <5    | <5    | <5    | <5     | <5      | <5     | <5     |
| Nickel, total               | 5.8   | <5.0   | 40.3  | 40.6  | <5.0  | <5.0  | <5.0  |        | 6.3     | 6.2    | <5.0   |
| Selenium, total             | <2.0  | <2.0   | 2.1   | <2.0  | 6.0   | <2.0  | <2.0  |        | <2.0    | <2.0   | <2.0   |
| Silver, total               | <5    | <5     | <5    | <5    | <5    | <5    | <5    |        | <5      | <5     | <5     |
| Styrene                     | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Tetrachloroethylene         | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Thallium, total             | <.5   | <.5    | <.5   | <.5   | <.5   | <.5   | <.5   |        | <.5     | <.5    | <.5    |
| Toluene                     | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Trans-1,2-dichloroethylene  | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Trans-1,3-dichloropropene   | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Trans-1,4-dichloro-2-butene | <5    | <5     | <5    | <5    | <5    | <5    | <5    | <5     | <5      | <5     | <5     |
| Trichloroethylene           | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Trichlorofluoromethane      | <1    | <1     | <1    | <1    | <1    | <1    | <1    | <1     | <1      | <1     | <1     |
| Vanadium, total             | <2.0  | <2.0   | <2.0  | 2.1   | <2.0  | <2.0  | <2.0  |        | <2.0    | <2.0   | 3.3    |
| Vinyl acetate               | <5    | <5     | <5    | <5    | <5    | <5    | <5    | <5     | <5      | <5     | <5     |
| Vinyl chloride              | <1.0  | <1.0   | 1.4   | <1.0  | <1.0  | <1.0  | <1.0  | <1.0   | 3.3     | <1.0   | <1.0   |
| Xylenes, total              | <2    | <2     | <2    | <2    | <2    | <2    | <2    | <2     | <2      | <2     | <2     |
| Zinc, total                 | 8.2   | 13.1   | 27.2  | 56.8  | 6.4   | 12.2  | 6.0   |        | <5.0    | 7.3    | 19.9   |

\* - The displayed value is the arithmetic mean of multiple database matches.

**Attachment B**

Summary Tables and Graphs for the Interwell Comparisons

Table 1

## Upgradient Data

| Constituent     | Units | Well  | Date       |    | Result | Adjusted |    |
|-----------------|-------|-------|------------|----|--------|----------|----|
| Antimony, total | ug/L  | MW-39 | 09/24/2014 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 12/05/2014 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/11/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 06/16/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/17/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/22/2016 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/15/2016 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/23/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/08/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/19/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/11/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/26/2019 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/04/2019 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/26/2020 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/15/2020 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/02/2021 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/07/2021 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/24/2022 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 08/31/2022 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/02/2023 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/12/2023 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/04/2024 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/23/2024 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/12/2025 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/03/2025 | ND | 1.0000 | 2.0000   | ** |
| Antimony, total | ug/L  | MW-48 | 09/24/2014 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 12/05/2014 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/11/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 06/16/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/16/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/22/2016 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/14/2016 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/23/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/08/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/19/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/11/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/26/2019 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/04/2019 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/26/2020 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/15/2020 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/02/2021 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/07/2021 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/24/2022 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 08/31/2022 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/02/2023 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/12/2023 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/04/2024 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/23/2024 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/12/2025 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/03/2025 | ND | 1.0000 | 2.0000   | ** |
| Antimony, total | ug/L  | MW-78 | 09/24/2014 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 12/05/2014 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/11/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 06/16/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/16/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/22/2016 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/15/2016 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/23/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/08/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/19/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/11/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/26/2019 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/04/2019 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/26/2020 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/15/2020 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/02/2021 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/07/2021 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/24/2022 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 08/31/2022 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/02/2023 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/12/2023 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/04/2024 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/23/2024 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/12/2025 | ND | 2.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result | Adjusted |    |
|-----------------|-------|--------|------------|----|--------|----------|----|
| Antimony, total | ug/L  | MW-78  | 09/03/2025 | ND | 1.0000 | 2.0000   | ** |
| Antimony, total | ug/L  | SW-101 | 09/14/2016 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | SW-101 | 03/23/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | SW-101 | 09/08/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | SW-101 | 03/19/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | SW-101 | 09/11/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | SW-101 | 03/26/2019 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | SW-101 | 09/04/2019 | ND | 2.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/17/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/15/2016 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/26/2019 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/04/2019 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/26/2020 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/15/2020 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/02/2021 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/07/2021 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/24/2022 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 08/31/2022 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/02/2023 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/12/2023 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/04/2024 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/23/2024 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/12/2025 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/03/2025 | ND | 2.0000 | 4.0000   | ** |
| Arsenic, total  | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/26/2019 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/04/2019 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/26/2020 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/15/2020 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/02/2021 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/07/2021 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/24/2022 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 08/31/2022 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/02/2023 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/12/2023 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/04/2024 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/23/2024 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/12/2025 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/03/2025 | ND | 2.0000 | 4.0000   | ** |
| Arsenic, total  | ug/L  | MW-78  | 09/24/2014 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 12/05/2014 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 03/11/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 06/16/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 09/16/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 03/22/2016 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 09/15/2016 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 03/23/2017 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 09/08/2017 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 03/19/2018 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 09/11/2018 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 03/26/2019 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 09/04/2019 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 03/26/2020 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 09/15/2020 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 03/02/2021 | ND | 4.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent    | Units | Well   | Date       |    | Result   | Adjusted |    |
|----------------|-------|--------|------------|----|----------|----------|----|
| Arsenic, total | ug/L  | MW-78  | 09/07/2021 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 03/24/2022 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 08/31/2022 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 03/02/2023 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 09/12/2023 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 03/04/2024 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 09/23/2024 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 03/12/2025 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 09/03/2025 | ND | 2.0000   | 4.0000   | ** |
| Arsenic, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | SW-101 | 03/19/2018 |    | 4.4000   |          |    |
| Arsenic, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | SW-101 | 09/04/2019 |    | 7.3000   |          |    |
| Barium, total  | ug/L  | MW-39  | 09/24/2014 |    | 60.6000  |          |    |
| Barium, total  | ug/L  | MW-39  | 12/05/2014 |    | 139.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/11/2015 |    | 136.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 06/16/2015 |    | 148.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/17/2015 |    | 128.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/22/2016 |    | 123.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/15/2016 |    | 103.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/23/2017 |    | 129.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/08/2017 |    | 117.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/19/2018 |    | 131.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/11/2018 |    | 114.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/26/2019 |    | 121.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/04/2019 |    | 138.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/26/2020 |    | 150.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/15/2020 |    | 136.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/02/2021 |    | 125.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/07/2021 |    | 141.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/24/2022 |    | 137.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 08/31/2022 |    | 132.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/02/2023 |    | 134.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/12/2023 |    | 133.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/04/2024 |    | 128.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/23/2024 |    | 119.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/12/2025 |    | 135.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/03/2025 |    | 131.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/24/2014 |    | 181.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 12/05/2014 |    | 168.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/11/2015 |    | 143.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 06/16/2015 |    | 161.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/16/2015 |    | 150.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/22/2016 |    | 153.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/14/2016 |    | 140.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/23/2017 |    | 146.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/08/2017 |    | 171.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/19/2018 |    | 145.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/11/2018 |    | 151.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/26/2019 |    | 153.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/04/2019 |    | 160.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/26/2020 |    | 156.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/15/2020 |    | 152.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/02/2021 |    | 159.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/07/2021 |    | 149.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/24/2022 |    | 143.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 08/31/2022 |    | 157.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/02/2023 |    | 149.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/12/2023 |    | 168.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/04/2024 |    | 149.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/23/2024 |    | 148.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/12/2025 |    | 153.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/03/2025 |    | 168.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 09/24/2014 |    | 304.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 12/05/2014 |    | 291.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 03/11/2015 |    | 304.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 06/16/2015 |    | 329.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 09/16/2015 |    | 298.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 03/22/2016 |    | 309.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 09/15/2016 |    | 311.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 03/23/2017 |    | 307.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent      | Units | Well   | Date       |    | Result   | Adjusted |   |
|------------------|-------|--------|------------|----|----------|----------|---|
| Barium, total    | ug/L  | MW-78  | 09/08/2017 |    | 357.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/19/2018 |    | 320.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 09/11/2018 |    | 295.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/26/2019 |    | 285.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 09/04/2019 |    | 332.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/26/2020 |    | 304.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 09/15/2020 |    | 319.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/02/2021 |    | 304.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 09/07/2021 |    | 332.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/24/2022 |    | 291.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 08/31/2022 |    | 340.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/02/2023 |    | 345.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 09/12/2023 |    | 309.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/04/2024 |    | 341.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 09/23/2024 |    | 284.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/12/2025 |    | 283.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 09/03/2025 |    | 301.0000 |          |   |
| Barium, total    | ug/L  | SW-101 | 09/14/2016 |    | 188.0000 |          |   |
| Barium, total    | ug/L  | SW-101 | 03/23/2017 |    | 233.0000 |          |   |
| Barium, total    | ug/L  | SW-101 | 09/08/2017 |    | 272.0000 |          |   |
| Barium, total    | ug/L  | SW-101 | 03/19/2018 |    | 162.0000 |          |   |
| Barium, total    | ug/L  | SW-101 | 09/11/2018 |    | 127.0000 |          |   |
| Barium, total    | ug/L  | SW-101 | 03/26/2019 |    | 160.0000 |          |   |
| Barium, total    | ug/L  | SW-101 | 09/04/2019 |    | 256.0000 |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/17/2015 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/15/2016 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/26/2019 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/04/2019 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/26/2020 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/15/2020 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/02/2021 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/07/2021 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/24/2022 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 08/31/2022 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/02/2023 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/12/2023 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/04/2024 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/23/2024 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/12/2025 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/03/2025 | ND | 0.5000   |          | * |
| Beryllium, total | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/26/2019 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/04/2019 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/26/2020 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/15/2020 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/02/2021 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/07/2021 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/24/2022 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 08/31/2022 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/02/2023 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/12/2023 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/04/2024 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/23/2024 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/12/2025 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/03/2025 | ND | 0.5000   |          | * |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent      | Units | Well   | Date       |    | Result | Adjusted |   |
|------------------|-------|--------|------------|----|--------|----------|---|
| Beryllium, total | ug/L  | MW-78  | 09/24/2014 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 12/05/2014 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/11/2015 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 06/16/2015 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/16/2015 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/22/2016 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/15/2016 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/23/2017 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/08/2017 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/19/2018 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/11/2018 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/26/2019 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/04/2019 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/26/2020 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/15/2020 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/02/2021 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/07/2021 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/24/2022 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 08/31/2022 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/02/2023 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/12/2023 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/04/2024 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/23/2024 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/12/2025 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/03/2025 | ND | 0.5000 |          | * |
| Beryllium, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/24/2014 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 12/05/2014 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/11/2015 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 06/16/2015 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/17/2015 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/22/2016 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/15/2016 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/23/2017 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/08/2017 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/19/2018 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/11/2018 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/26/2019 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/04/2019 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/26/2020 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/15/2020 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/02/2021 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/07/2021 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/24/2022 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 08/31/2022 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/02/2023 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/12/2023 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/04/2024 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/23/2024 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/12/2025 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/03/2025 | ND | 0.2000 |          | * |
| Cadmium, total   | ug/L  | MW-48  | 09/24/2014 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 12/05/2014 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 03/11/2015 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 06/16/2015 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 09/16/2015 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 03/22/2016 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 09/14/2016 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 03/23/2017 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 09/08/2017 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 03/19/2018 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 09/11/2018 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 03/26/2019 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 09/04/2019 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 03/26/2020 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 09/15/2020 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 03/02/2021 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 09/07/2021 | ND | 0.8000 |          |   |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.



Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result | Adjusted |   |
|-----------------|-------|--------|------------|----|--------|----------|---|
| Cadmium, total  | ug/L  | MW-48  | 03/24/2022 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-48  | 08/31/2022 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-48  | 03/02/2023 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-48  | 09/12/2023 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-48  | 03/04/2024 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-48  | 09/23/2024 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-48  | 03/12/2025 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-48  | 09/03/2025 | ND | 0.2000 |          | * |
| Cadmium, total  | ug/L  | MW-78  | 09/24/2014 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 12/05/2014 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/11/2015 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 06/16/2015 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/16/2015 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/22/2016 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/15/2016 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/23/2017 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/08/2017 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/19/2018 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/11/2018 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/26/2019 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/04/2019 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/26/2020 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/15/2020 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/02/2021 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/07/2021 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/24/2022 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 08/31/2022 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/02/2023 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/12/2023 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/04/2024 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/23/2024 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/12/2025 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/03/2025 | ND | 0.2000 |          | * |
| Cadmium, total  | ug/L  | SW-101 | 09/14/2016 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | SW-101 | 03/23/2017 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | SW-101 | 09/08/2017 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | SW-101 | 03/19/2018 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | SW-101 | 09/11/2018 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | SW-101 | 03/26/2019 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | SW-101 | 09/04/2019 | ND | 0.8000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/24/2014 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 12/05/2014 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/11/2015 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 06/16/2015 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/17/2015 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/22/2016 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/15/2016 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/23/2017 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/08/2017 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/19/2018 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/11/2018 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/26/2019 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/04/2019 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/26/2020 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/15/2020 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/02/2021 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/07/2021 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/24/2022 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 08/31/2022 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/02/2023 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/12/2023 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/04/2024 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/23/2024 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/12/2025 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/03/2025 | ND | 1.0000 |          | * |
| Chromium, total | ug/L  | MW-48  | 09/24/2014 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 12/05/2014 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 03/11/2015 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 06/16/2015 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 09/16/2015 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 03/22/2016 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 09/14/2016 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 03/23/2017 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 09/08/2017 | ND | 8.0000 |          |   |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result | Adjusted |    |
|-----------------|-------|--------|------------|----|--------|----------|----|
| Chromium, total | ug/L  | MW-48  | 03/19/2018 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 09/11/2018 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 03/26/2019 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 09/04/2019 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 03/26/2020 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 09/15/2020 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 03/02/2021 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 09/07/2021 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 03/24/2022 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 08/31/2022 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 03/02/2023 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 09/12/2023 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 03/04/2024 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 09/23/2024 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 03/12/2025 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 09/03/2025 | ND | 1.0000 |          | *  |
| Chromium, total | ug/L  | MW-78  | 09/24/2014 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 12/05/2014 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/11/2015 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 06/16/2015 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/16/2015 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/22/2016 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/15/2016 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/23/2017 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/08/2017 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/19/2018 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/11/2018 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/26/2019 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/04/2019 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/26/2020 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/15/2020 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/02/2021 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/07/2021 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/24/2022 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 08/31/2022 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/02/2023 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/12/2023 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/04/2024 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/23/2024 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/12/2025 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/03/2025 | ND | 1.0000 |          | *  |
| Chromium, total | ug/L  | SW-101 | 09/14/2016 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | SW-101 | 03/23/2017 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | SW-101 | 09/08/2017 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | SW-101 | 03/19/2018 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | SW-101 | 09/11/2018 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | SW-101 | 03/26/2019 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | SW-101 | 09/04/2019 | ND | 8.0000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/24/2014 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 12/05/2014 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 03/11/2015 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 06/16/2015 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/17/2015 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 03/22/2016 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/15/2016 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 03/23/2017 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/08/2017 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 03/19/2018 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/11/2018 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 03/26/2019 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/04/2019 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 03/26/2020 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/15/2020 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 03/02/2021 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/07/2021 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 03/24/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 08/31/2022 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 03/02/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 09/12/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 03/04/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 09/23/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 03/12/2025 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 09/03/2025 | ND | 0.5000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-48  | 09/24/2014 | ND | 0.8000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent   | Units | Well   | Date       |    | Result | Adjusted |    |
|---------------|-------|--------|------------|----|--------|----------|----|
| Cobalt, total | ug/L  | MW-48  | 12/05/2014 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 03/11/2015 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 06/16/2015 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 09/16/2015 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 03/22/2016 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 09/14/2016 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 03/23/2017 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 09/08/2017 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 03/19/2018 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 09/11/2018 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 03/26/2019 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 09/04/2019 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 03/26/2020 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 09/15/2020 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 03/02/2021 |    | 0.9000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 09/07/2021 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 03/24/2022 |    | 0.4000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 08/31/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 03/02/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 09/12/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 03/04/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 09/23/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 03/12/2025 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 09/03/2025 | ND | 0.5000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 09/24/2014 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 12/05/2014 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 03/11/2015 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 06/16/2015 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 09/16/2015 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 03/22/2016 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 09/15/2016 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 03/23/2017 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 09/08/2017 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 03/19/2018 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 09/11/2018 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 03/26/2019 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 09/04/2019 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 03/26/2020 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 09/15/2020 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 03/02/2021 |    | 1.0000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 09/07/2021 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 03/24/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 08/31/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 03/02/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 09/12/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 03/04/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 09/23/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 03/12/2025 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 09/03/2025 | ND | 0.5000 | 0.8000   | ** |
| Cobalt, total | ug/L  | SW-101 | 09/14/2016 |    | 4.5000 |          |    |
| Cobalt, total | ug/L  | SW-101 | 03/23/2017 |    | 4.2000 |          |    |
| Cobalt, total | ug/L  | SW-101 | 09/08/2017 |    | 6.9000 |          |    |
| Cobalt, total | ug/L  | SW-101 | 03/19/2018 |    | 2.3000 |          |    |
| Cobalt, total | ug/L  | SW-101 | 09/11/2018 |    | 1.9000 |          |    |
| Cobalt, total | ug/L  | SW-101 | 03/26/2019 |    | 1.8000 |          |    |
| Cobalt, total | ug/L  | SW-101 | 09/04/2019 |    | 5.9000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/17/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/15/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/26/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/04/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/26/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/15/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/02/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/07/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/24/2022 | ND | 4.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent   | Units | Well   | Date       |    | Result | Adjusted |    |
|---------------|-------|--------|------------|----|--------|----------|----|
| Copper, total | ug/L  | MW-39  | 08/31/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/02/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/12/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/04/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/23/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/12/2025 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Copper, total | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/26/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/04/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/26/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/15/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/02/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/07/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/24/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 08/31/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/02/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/12/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/04/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/23/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/12/2025 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Copper, total | ug/L  | MW-78  | 09/24/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 12/05/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/11/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 06/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/22/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/15/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/23/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/08/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/19/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/11/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/26/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/04/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/26/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/15/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/02/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/07/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/24/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 08/31/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/02/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/12/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/04/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/23/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/12/2025 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Copper, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 09/17/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 09/15/2016 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent   | Units | Well   | Date       |    | Result | Adjusted |   |
|---------------|-------|--------|------------|----|--------|----------|---|
| Lead, total   | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 03/26/2019 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 09/04/2019 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 03/26/2020 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 09/15/2020 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 03/02/2021 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 09/07/2021 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 03/24/2022 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 08/31/2022 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 03/02/2023 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 09/12/2023 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 03/04/2024 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 09/23/2024 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 03/12/2025 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 09/03/2025 | ND | 1.0000 |          | * |
| Lead, total   | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/26/2019 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/04/2019 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/26/2020 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/15/2020 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/02/2021 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/07/2021 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/24/2022 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 08/31/2022 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/02/2023 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/12/2023 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/04/2024 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/23/2024 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/12/2025 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/03/2025 | ND | 1.0000 |          | * |
| Lead, total   | ug/L  | MW-78  | 09/24/2014 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 12/05/2014 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/11/2015 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 06/16/2015 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/16/2015 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/22/2016 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/15/2016 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/23/2017 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/08/2017 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/19/2018 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/11/2018 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/26/2019 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/04/2019 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/26/2020 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/15/2020 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/02/2021 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/07/2021 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/24/2022 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 08/31/2022 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/02/2023 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/12/2023 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/04/2024 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/23/2024 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/12/2025 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/03/2025 | ND | 1.0000 |          | * |
| Lead, total   | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000 |          |   |
| Nickel, total | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000 |          |   |
| Nickel, total | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000 |          |   |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent   | Units | Well   | Date       |    | Result | Adjusted |    |
|---------------|-------|--------|------------|----|--------|----------|----|
| Nickel, total | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/17/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/15/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/26/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/04/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/26/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/15/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/02/2021 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/07/2021 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/24/2022 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 08/31/2022 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/02/2023 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/12/2023 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/04/2024 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/23/2024 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/12/2025 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Nickel, total | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/26/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/04/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/26/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/15/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/02/2021 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/07/2021 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/24/2022 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 08/31/2022 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/02/2023 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/12/2023 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/04/2024 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/23/2024 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/12/2025 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Nickel, total | ug/L  | MW-78  | 09/24/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 12/05/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/11/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 06/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/22/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/15/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/23/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/08/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/19/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/11/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/26/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/04/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/26/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/15/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/02/2021 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/07/2021 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/24/2022 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 08/31/2022 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/02/2023 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/12/2023 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/04/2024 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/23/2024 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/12/2025 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Nickel, total | ug/L  | SW-101 | 09/14/2016 |    | 8.7000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result  | Adjusted |    |
|-----------------|-------|--------|------------|----|---------|----------|----|
| Nickel, total   | ug/L  | SW-101 | 03/23/2017 |    | 5.4000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 09/08/2017 |    | 8.6000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 03/26/2019 |    | 4.2000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 09/04/2019 |    | 7.5000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/17/2015 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/15/2016 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/26/2019 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/04/2019 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/26/2020 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/15/2020 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/02/2021 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/07/2021 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/24/2022 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 08/31/2022 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/02/2023 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/12/2023 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/04/2024 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/23/2024 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/12/2025 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/03/2025 | ND | 2.0000  | 4.0000   | ** |
| Selenium, total | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/26/2019 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/04/2019 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/26/2020 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/15/2020 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/02/2021 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/07/2021 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/24/2022 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 08/31/2022 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/02/2023 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/12/2023 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/04/2024 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/23/2024 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/12/2025 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/03/2025 | ND | 2.0000  | 4.0000   | ** |
| Selenium, total | ug/L  | MW-78  | 09/24/2014 |    | 5.4000  |          |    |
| Selenium, total | ug/L  | MW-78  | 12/05/2014 |    | 5.6000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/11/2015 |    | 6.5000  |          |    |
| Selenium, total | ug/L  | MW-78  | 06/16/2015 |    | 8.6000  |          |    |
| Selenium, total | ug/L  | MW-78  | 09/16/2015 |    | 8.1000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/22/2016 |    | 8.9000  |          |    |
| Selenium, total | ug/L  | MW-78  | 09/15/2016 |    | 9.4000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/23/2017 |    | 10.6000 |          |    |
| Selenium, total | ug/L  | MW-78  | 09/08/2017 |    | 6.9000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/19/2018 |    | 8.3000  |          |    |
| Selenium, total | ug/L  | MW-78  | 09/11/2018 |    | 5.6000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/26/2019 |    | 9.5000  |          |    |
| Selenium, total | ug/L  | MW-78  | 09/04/2019 |    | 6.8000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/26/2020 |    | 5.4000  |          |    |
| Selenium, total | ug/L  | MW-78  | 09/15/2020 |    | 8.5000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/02/2021 |    | 9.4000  |          |    |
| Selenium, total | ug/L  | MW-78  | 09/07/2021 |    | 4.9000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/24/2022 |    | 6.3000  |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result | Adjusted |    |
|-----------------|-------|--------|------------|----|--------|----------|----|
| Selenium, total | ug/L  | MW-78  | 08/31/2022 |    | 6.2000 |          |    |
| Selenium, total | ug/L  | MW-78  | 03/02/2023 |    | 7.9000 |          |    |
| Selenium, total | ug/L  | MW-78  | 09/12/2023 |    | 5.8000 |          |    |
| Selenium, total | ug/L  | MW-78  | 03/04/2024 |    | 5.7000 |          |    |
| Selenium, total | ug/L  | MW-78  | 09/23/2024 |    | 4.1000 |          |    |
| Selenium, total | ug/L  | MW-78  | 03/12/2025 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-78  | 09/03/2025 |    | 6.0000 |          |    |
| Selenium, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/17/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/15/2016 |    | 6.4000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/26/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/04/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/26/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/15/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/02/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/07/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/24/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 08/31/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/02/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/12/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/04/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/23/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/12/2025 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Silver, total   | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/26/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/04/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/26/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/15/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/02/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/07/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/24/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 08/31/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/02/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/12/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/04/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/23/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/12/2025 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Silver, total   | ug/L  | MW-78  | 09/24/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 12/05/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/11/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 06/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/22/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/15/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/23/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/08/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/19/2018 | ND | 4.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.



Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result | Adjusted |    |
|-----------------|-------|--------|------------|----|--------|----------|----|
| Silver, total   | ug/L  | MW-78  | 09/11/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/26/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/04/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/26/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/15/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/02/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/07/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/24/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 08/31/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/02/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/12/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/04/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/23/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/12/2025 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Silver, total   | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | SW-101 | 09/11/2018 | ND | 8.0000 | 4.0000   | ** |
| Silver, total   | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 09/17/2015 |    | 2.4000 |          |    |
| Thallium, total | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 09/15/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 03/26/2019 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 09/04/2019 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 03/26/2020 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 09/15/2020 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 03/02/2021 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 09/07/2021 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 03/24/2022 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 08/31/2022 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 03/02/2023 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 09/12/2023 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 03/04/2024 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 09/23/2024 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 03/12/2025 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 09/03/2025 | ND | 0.5000 |          | *  |
| Thallium, total | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 03/26/2019 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 09/04/2019 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 03/26/2020 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 09/15/2020 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 03/02/2021 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 09/07/2021 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 03/24/2022 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 08/31/2022 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 03/02/2023 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 09/12/2023 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 03/04/2024 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 09/23/2024 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 03/12/2025 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 09/03/2025 | ND | 0.5000 |          | *  |
| Thallium, total | ug/L  | MW-78  | 09/24/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 12/05/2014 | ND | 4.0000 | 2.0000   | ** |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result  | Adjusted |    |
|-----------------|-------|--------|------------|----|---------|----------|----|
| Thallium, total | ug/L  | MW-78  | 03/11/2015 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 06/16/2015 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 09/16/2015 | ND | 1.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 03/22/2016 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 09/15/2016 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 03/23/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 09/08/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 03/19/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 09/11/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 03/26/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 09/04/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 03/26/2020 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 09/15/2020 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 03/02/2021 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 09/07/2021 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 03/24/2022 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 08/31/2022 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 03/02/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 09/12/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 03/04/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 09/23/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 03/12/2025 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 09/03/2025 | ND | 0.5000  |          | *  |
| Thallium, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 03/26/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | SW-101 | 09/04/2019 | ND | 2.0000  |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/24/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 12/05/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/11/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 06/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/17/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/22/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/15/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/23/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/08/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/19/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/11/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/26/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/04/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/26/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/15/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/02/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/07/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/24/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 08/31/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/02/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/12/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/04/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/23/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/12/2025 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/03/2025 | ND | 2.0000  |          | *  |
| Vanadium, total | ug/L  | MW-48  | 09/24/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 12/05/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/11/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 06/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/22/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/14/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/23/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/08/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/19/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/11/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/26/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/04/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/26/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/15/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/02/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/07/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/24/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 08/31/2022 | ND | 20.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result  | Adjusted |    |
|-----------------|-------|--------|------------|----|---------|----------|----|
| Vanadium, total | ug/L  | MW-48  | 03/02/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/12/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/04/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/23/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/12/2025 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/03/2025 | ND | 2.0000  |          | *  |
| Vanadium, total | ug/L  | MW-78  | 09/24/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 12/05/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/11/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 06/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/22/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/15/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/23/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/08/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/19/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/11/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/26/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/04/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/26/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/15/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/02/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/07/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/24/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 08/31/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/02/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/12/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/04/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/23/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/12/2025 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/03/2025 | ND | 2.0000  |          | *  |
| Vanadium, total | ug/L  | SW-101 | 09/14/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 03/23/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 09/08/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 03/19/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 09/11/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 03/26/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 09/04/2019 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 09/24/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 12/05/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 03/11/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 06/16/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 09/17/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 03/22/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 09/15/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 03/23/2017 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 09/08/2017 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 03/19/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 09/11/2018 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 03/26/2019 |    | 24.6000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 09/04/2019 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 03/26/2020 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 09/15/2020 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 03/02/2021 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 09/07/2021 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 03/24/2022 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 08/31/2022 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 03/02/2023 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 09/12/2023 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 03/04/2024 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 09/23/2024 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 03/12/2025 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 09/03/2025 | ND | 5.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 09/24/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 12/05/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 03/11/2015 |    | 32.3000 |          |    |
| Zinc, total     | ug/L  | MW-48  | 06/16/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 09/16/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 03/22/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 09/14/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 03/23/2017 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 09/08/2017 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48  | 03/19/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 09/11/2018 | ND | 20.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent | Units | Well   | Date       |    | Result  | Adjusted |    |
|-------------|-------|--------|------------|----|---------|----------|----|
| Zinc, total | ug/L  | MW-48  | 03/26/2019 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 09/04/2019 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-48  | 03/26/2020 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 09/15/2020 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 03/02/2021 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 09/07/2021 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 03/24/2022 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 08/31/2022 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 03/02/2023 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 09/12/2023 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 03/04/2024 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 09/23/2024 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 03/12/2025 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 09/03/2025 |    | 9.6000  |          |    |
| Zinc, total | ug/L  | MW-78  | 09/24/2014 |    | 10.7000 |          |    |
| Zinc, total | ug/L  | MW-78  | 12/05/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-78  | 03/11/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-78  | 06/16/2015 |    | 8.4000  |          |    |
| Zinc, total | ug/L  | MW-78  | 09/16/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-78  | 03/22/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-78  | 09/15/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-78  | 03/23/2017 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-78  | 09/08/2017 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/19/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-78  | 09/11/2018 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/26/2019 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 09/04/2019 |    | 17.6000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/26/2020 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 09/15/2020 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/02/2021 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 09/07/2021 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/24/2022 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 08/31/2022 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/02/2023 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 09/12/2023 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/04/2024 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 09/23/2024 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/12/2025 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 09/03/2025 |    | 6.4000  |          |    |
| Zinc, total | ug/L  | SW-101 | 09/14/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | SW-101 | 03/23/2017 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | SW-101 | 09/08/2017 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | SW-101 | 03/19/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | SW-101 | 09/11/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | SW-101 | 03/26/2019 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | SW-101 | 09/04/2019 | ND | 8.0000  | 20.0000  | ** |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 2

## Most Current Downgradient Monitoring Data

| Constituent      | Units | Well    | Date       |    | Result    |     | Pred. Limit |
|------------------|-------|---------|------------|----|-----------|-----|-------------|
| Antimony, total  | ug/L  | MW-36   | 09/03/2025 | ND | 1.0000    |     | 2.0000      |
| Antimony, total  | ug/L  | MW-41   | 09/03/2025 | ND | 1.0000    |     | 2.0000      |
| Antimony, total  | ug/L  | MW-42   | 09/03/2025 | ND | 1.0000    |     | 2.0000      |
| Antimony, total  | ug/L  | MW-58   | 09/03/2025 | ND | 1.0000    |     | 2.0000      |
| Antimony, total  | ug/L  | MW-59   | 09/03/2025 | ND | 1.0000    |     | 2.0000      |
| Antimony, total  | ug/L  | MW-60   | 09/03/2025 | ND | 1.0000    |     | 2.0000      |
| Antimony, total  | ug/L  | MW-61   | 09/03/2025 | ND | 1.0000    |     | 2.0000      |
| Antimony, total  | ug/L  | MW-62R  | 09/03/2025 | ND | 1.0000    |     | 2.0000      |
| Antimony, total  | ug/L  | MW-79   | 09/03/2025 | ND | 1.0000    |     | 2.0000      |
| Antimony, total  | ug/L  | MW-80   | 09/03/2025 | ND | 1.0000    |     | 2.0000      |
| Antimony, total  | ug/L  | SW-101R | 09/03/2025 | ND | 1.0000    |     | 2.0000      |
| Antimony, total  | ug/L  | SW-102  | 09/03/2025 | ND | 1.0000    |     | 2.0000      |
| Antimony, total  | ug/L  | SW-103  | 09/03/2025 | ND | 1.0000    |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-36   | 09/03/2025 | ND | 2.0000    |     | 7.3000      |
| Arsenic, total   | ug/L  | MW-41   | 09/03/2025 | ND | 2.0000    |     | 7.3000      |
| Arsenic, total   | ug/L  | MW-42   | 09/03/2025 | ND | 2.0000    |     | 7.3000      |
| Arsenic, total   | ug/L  | MW-58   | 09/03/2025 | ND | 2.0000    |     | 7.3000      |
| Arsenic, total   | ug/L  | MW-59   | 09/03/2025 | ND | 2.0000    |     | 7.3000      |
| Arsenic, total   | ug/L  | MW-60   | 09/03/2025 | ND | 2.0000    |     | 7.3000      |
| Arsenic, total   | ug/L  | MW-61   | 09/03/2025 | ND | 2.0000    |     | 7.3000      |
| Arsenic, total   | ug/L  | MW-62R  | 09/03/2025 | ND | 2.0000    |     | 7.3000      |
| Arsenic, total   | ug/L  | MW-79   | 09/03/2025 | ND | 2.0000    |     | 7.3000      |
| Arsenic, total   | ug/L  | MW-80   | 09/03/2025 | ND | 2.0000    |     | 7.3000      |
| Arsenic, total   | ug/L  | SW-101R | 09/03/2025 |    | 4.0000    |     | 7.3000      |
| Arsenic, total   | ug/L  | SW-102  | 09/03/2025 |    | 2.1000    |     | 7.3000      |
| Arsenic, total   | ug/L  | SW-103  | 09/03/2025 |    | 2.2000    |     | 7.3000      |
| Barium, total    | ug/L  | MW-36   | 09/03/2025 |    | 153.0000  |     | 357.0000    |
| Barium, total    | ug/L  | MW-41   | 09/03/2025 |    | 80.4000   |     | 357.0000    |
| Barium, total    | ug/L  | MW-42   | 09/03/2025 |    | 25.6000   |     | 357.0000    |
| Barium, total    | ug/L  | MW-58   | 09/03/2025 |    | 25.5000   |     | 357.0000    |
| Barium, total    | ug/L  | MW-59   | 09/03/2025 |    | 46.1000   |     | 357.0000    |
| Barium, total    | ug/L  | MW-60   | 09/03/2025 |    | 326.0000  |     | 357.0000    |
| Barium, total    | ug/L  | MW-61   | 09/03/2025 |    | 61.1000   |     | 357.0000    |
| Barium, total    | ug/L  | MW-62R  | 09/03/2025 |    | 1130.0000 | *** | 357.0000    |
| Barium, total    | ug/L  | MW-79   | 09/03/2025 |    | 54.9000   |     | 357.0000    |
| Barium, total    | ug/L  | MW-80   | 09/03/2025 |    | 120.0000  |     | 357.0000    |
| Barium, total    | ug/L  | SW-101R | 09/03/2025 |    | 228.0000  |     | 357.0000    |
| Barium, total    | ug/L  | SW-102  | 09/03/2025 |    | 176.0000  |     | 357.0000    |
| Barium, total    | ug/L  | SW-103  | 09/03/2025 |    | 176.0000  |     | 357.0000    |
| Beryllium, total | ug/L  | MW-36   | 09/03/2025 | ND | 0.5000    |     | 4.0000      |
| Beryllium, total | ug/L  | MW-41   | 09/03/2025 | ND | 0.5000    |     | 4.0000      |
| Beryllium, total | ug/L  | MW-42   | 09/03/2025 | ND | 0.5000    |     | 4.0000      |
| Beryllium, total | ug/L  | MW-58   | 09/03/2025 | ND | 0.5000    |     | 4.0000      |
| Beryllium, total | ug/L  | MW-59   | 09/03/2025 | ND | 0.5000    |     | 4.0000      |
| Beryllium, total | ug/L  | MW-60   | 09/03/2025 | ND | 0.5000    |     | 4.0000      |
| Beryllium, total | ug/L  | MW-61   | 09/03/2025 | ND | 0.5000    |     | 4.0000      |
| Beryllium, total | ug/L  | MW-62R  | 09/03/2025 | ND | 0.5000    |     | 4.0000      |
| Beryllium, total | ug/L  | MW-79   | 09/03/2025 | ND | 0.5000    |     | 4.0000      |
| Beryllium, total | ug/L  | MW-80   | 09/03/2025 | ND | 0.5000    |     | 4.0000      |
| Beryllium, total | ug/L  | SW-101R | 09/03/2025 | ND | 0.5000    |     | 4.0000      |
| Beryllium, total | ug/L  | SW-102  | 09/03/2025 | ND | 0.5000    |     | 4.0000      |
| Beryllium, total | ug/L  | SW-103  | 09/03/2025 | ND | 0.5000    |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-36   | 09/03/2025 | ND | 0.2000    |     | 0.8000      |
| Cadmium, total   | ug/L  | MW-41   | 09/03/2025 | ND | 0.2000    |     | 0.8000      |
| Cadmium, total   | ug/L  | MW-42   | 09/03/2025 | ND | 0.2000    |     | 0.8000      |
| Cadmium, total   | ug/L  | MW-58   | 09/03/2025 |    | 0.2000    |     | 0.8000      |
| Cadmium, total   | ug/L  | MW-59   | 09/03/2025 | ND | 0.2000    |     | 0.8000      |
| Cadmium, total   | ug/L  | MW-60   | 09/03/2025 |    | 0.2000    |     | 0.8000      |
| Cadmium, total   | ug/L  | MW-61   | 09/03/2025 | ND | 0.2000    |     | 0.8000      |
| Cadmium, total   | ug/L  | MW-62R  | 09/03/2025 | ND | 0.2000    |     | 0.8000      |
| Cadmium, total   | ug/L  | MW-79   | 09/03/2025 | ND | 0.2000    |     | 0.8000      |
| Cadmium, total   | ug/L  | MW-80   | 09/03/2025 | ND | 0.2000    |     | 0.8000      |
| Cadmium, total   | ug/L  | SW-101R | 09/03/2025 | ND | 0.2000    |     | 0.8000      |
| Cadmium, total   | ug/L  | SW-102  | 09/03/2025 | ND | 0.2000    |     | 0.8000      |
| Cadmium, total   | ug/L  | SW-103  | 09/03/2025 | ND | 0.2000    |     | 0.8000      |
| Chromium, total  | ug/L  | MW-36   | 09/03/2025 |    | 1.0000    |     | 8.0000      |
| Chromium, total  | ug/L  | MW-41   | 09/03/2025 |    | 1.0000    |     | 8.0000      |
| Chromium, total  | ug/L  | MW-42   | 09/03/2025 |    | 1.1000    |     | 8.0000      |
| Chromium, total  | ug/L  | MW-58   | 09/03/2025 |    | 1.2000    |     | 8.0000      |
| Chromium, total  | ug/L  | MW-59   | 09/03/2025 |    | 1.1000    |     | 8.0000      |
| Chromium, total  | ug/L  | MW-60   | 09/03/2025 |    | 1.2000    |     | 8.0000      |
| Chromium, total  | ug/L  | MW-61   | 09/03/2025 |    | 1.3000    |     | 8.0000      |

\* - Current value failed - awaiting verification.

\*\* - Current value passed - previous exceedance not verified.

\*\*\* - Current value failed - exceedance verified.

\*\*\*\* - Current value passed - awaiting one more verification.

\*\*\*\*\* - Insufficient background data to compute prediction limit.

ND = Not Detected, Result = detection limit.

Table 2

## Most Current Downgradient Monitoring Data

| Constituent     | Units | Well    | Date       |    | Result  |     | Pred. Limit |
|-----------------|-------|---------|------------|----|---------|-----|-------------|
| Chromium, total | ug/L  | MW-62R  | 09/03/2025 |    | 1.2000  |     | 8.0000      |
| Chromium, total | ug/L  | MW-79   | 09/03/2025 | ND | 1.0000  |     | 8.0000      |
| Chromium, total | ug/L  | MW-80   | 09/03/2025 | ND | 1.0000  |     | 8.0000      |
| Chromium, total | ug/L  | SW-101R | 09/03/2025 | ND | 1.0000  |     | 8.0000      |
| Chromium, total | ug/L  | SW-102  | 09/03/2025 | ND | 1.0000  |     | 8.0000      |
| Chromium, total | ug/L  | SW-103  | 09/03/2025 |    | 1.9000  |     | 8.0000      |
| Cobalt, total   | ug/L  | MW-36   | 09/03/2025 | ND | 0.5000  |     | 6.9000      |
| Cobalt, total   | ug/L  | MW-41   | 09/03/2025 | ND | 0.5000  |     | 6.9000      |
| Cobalt, total   | ug/L  | MW-42   | 09/03/2025 | ND | 0.5000  |     | 6.9000      |
| Cobalt, total   | ug/L  | MW-58   | 09/03/2025 | ND | 0.5000  |     | 6.9000      |
| Cobalt, total   | ug/L  | MW-59   | 09/03/2025 | ND | 0.5000  |     | 6.9000      |
| Cobalt, total   | ug/L  | MW-60   | 09/03/2025 | ND | 0.5000  |     | 6.9000      |
| Cobalt, total   | ug/L  | MW-61   | 09/03/2025 | ND | 0.5000  |     | 6.9000      |
| Cobalt, total   | ug/L  | MW-62R  | 09/03/2025 | ND | 0.5000  |     | 6.9000      |
| Cobalt, total   | ug/L  | MW-79   | 09/03/2025 | ND | 0.5000  |     | 6.9000      |
| Cobalt, total   | ug/L  | MW-80   | 09/03/2025 |    | 0.6000  |     | 6.9000      |
| Cobalt, total   | ug/L  | SW-101R | 09/03/2025 |    | 4.2000  |     | 6.9000      |
| Cobalt, total   | ug/L  | SW-102  | 09/03/2025 |    | 0.5000  |     | 6.9000      |
| Cobalt, total   | ug/L  | SW-103  | 09/03/2025 |    | 1.3000  |     | 6.9000      |
| Copper, total   | ug/L  | MW-36   | 09/03/2025 | ND | 5.0000  |     | 4.0000      |
| Copper, total   | ug/L  | MW-41   | 09/03/2025 | ND | 5.0000  |     | 4.0000      |
| Copper, total   | ug/L  | MW-42   | 09/03/2025 | ND | 5.0000  |     | 4.0000      |
| Copper, total   | ug/L  | MW-58   | 09/03/2025 | ND | 5.0000  |     | 4.0000      |
| Copper, total   | ug/L  | MW-59   | 09/03/2025 | ND | 5.0000  | **  | 4.0000      |
| Copper, total   | ug/L  | MW-60   | 09/03/2025 | ND | 5.0000  | **  | 4.0000      |
| Copper, total   | ug/L  | MW-61   | 09/03/2025 |    | 6.5000  | *   | 4.0000      |
| Copper, total   | ug/L  | MW-62R  | 09/03/2025 | ND | 5.0000  |     | 4.0000      |
| Copper, total   | ug/L  | MW-79   | 09/03/2025 | ND | 5.0000  |     | 4.0000      |
| Copper, total   | ug/L  | MW-80   | 09/03/2025 | ND | 5.0000  |     | 4.0000      |
| Copper, total   | ug/L  | SW-101R | 09/03/2025 | ND | 5.0000  |     | 4.0000      |
| Copper, total   | ug/L  | SW-102  | 09/03/2025 |    | 7.8000  | *   | 4.0000      |
| Copper, total   | ug/L  | SW-103  | 09/03/2025 | ND | 5.0000  |     | 4.0000      |
| Lead, total     | ug/L  | MW-36   | 09/03/2025 | ND | 1.0000  |     | 4.0000      |
| Lead, total     | ug/L  | MW-41   | 09/03/2025 | ND | 1.0000  |     | 4.0000      |
| Lead, total     | ug/L  | MW-42   | 09/03/2025 | ND | 1.0000  |     | 4.0000      |
| Lead, total     | ug/L  | MW-58   | 09/03/2025 | ND | 1.0000  |     | 4.0000      |
| Lead, total     | ug/L  | MW-59   | 09/03/2025 | ND | 1.0000  |     | 4.0000      |
| Lead, total     | ug/L  | MW-60   | 09/03/2025 | ND | 1.0000  |     | 4.0000      |
| Lead, total     | ug/L  | MW-61   | 09/03/2025 | ND | 1.0000  |     | 4.0000      |
| Lead, total     | ug/L  | MW-62R  | 09/03/2025 | ND | 1.0000  |     | 4.0000      |
| Lead, total     | ug/L  | MW-79   | 09/03/2025 | ND | 1.0000  |     | 4.0000      |
| Lead, total     | ug/L  | MW-80   | 09/03/2025 | ND | 1.0000  |     | 4.0000      |
| Lead, total     | ug/L  | SW-101R | 09/03/2025 | ND | 1.0000  |     | 4.0000      |
| Lead, total     | ug/L  | SW-102  | 09/03/2025 | ND | 1.0000  |     | 4.0000      |
| Lead, total     | ug/L  | SW-103  | 09/03/2025 |    | 2.2000  |     | 4.0000      |
| Nickel, total   | ug/L  | MW-36   | 09/03/2025 | ND | 5.0000  |     | 8.7000      |
| Nickel, total   | ug/L  | MW-41   | 09/03/2025 | ND | 5.0000  |     | 8.7000      |
| Nickel, total   | ug/L  | MW-42   | 09/03/2025 | ND | 5.0000  |     | 8.7000      |
| Nickel, total   | ug/L  | MW-58   | 09/03/2025 |    | 13.1000 | *** | 8.7000      |
| Nickel, total   | ug/L  | MW-59   | 09/03/2025 | ND | 5.0000  |     | 8.7000      |
| Nickel, total   | ug/L  | MW-60   | 09/03/2025 |    | 15.2000 | *   | 8.7000      |
| Nickel, total   | ug/L  | MW-61   | 09/03/2025 |    | 5.8000  |     | 8.7000      |
| Nickel, total   | ug/L  | MW-62R  | 09/03/2025 | ND | 5.0000  |     | 8.7000      |
| Nickel, total   | ug/L  | MW-79   | 09/03/2025 | ND | 5.0000  |     | 8.7000      |
| Nickel, total   | ug/L  | MW-80   | 09/03/2025 | ND | 5.0000  |     | 8.7000      |
| Nickel, total   | ug/L  | SW-101R | 09/03/2025 |    | 6.3000  |     | 8.7000      |
| Nickel, total   | ug/L  | SW-102  | 09/03/2025 |    | 6.2000  |     | 8.7000      |
| Nickel, total   | ug/L  | SW-103  | 09/03/2025 | ND | 5.0000  |     | 8.7000      |
| Selenium, total | ug/L  | MW-36   | 09/03/2025 | ND | 2.0000  |     | 10.6000     |
| Selenium, total | ug/L  | MW-41   | 09/03/2025 |    | 2.6000  |     | 10.6000     |
| Selenium, total | ug/L  | MW-42   | 09/03/2025 | ND | 2.0000  |     | 10.6000     |
| Selenium, total | ug/L  | MW-58   | 09/03/2025 | ND | 2.0000  |     | 10.6000     |
| Selenium, total | ug/L  | MW-59   | 09/03/2025 | ND | 2.0000  |     | 10.6000     |
| Selenium, total | ug/L  | MW-60   | 09/03/2025 | ND | 2.0000  |     | 10.6000     |
| Selenium, total | ug/L  | MW-61   | 09/03/2025 | ND | 2.0000  |     | 10.6000     |
| Selenium, total | ug/L  | MW-62R  | 09/03/2025 | ND | 2.0000  |     | 10.6000     |
| Selenium, total | ug/L  | MW-79   | 09/03/2025 | ND | 2.0000  |     | 10.6000     |
| Selenium, total | ug/L  | MW-80   | 09/03/2025 | ND | 2.0000  |     | 10.6000     |
| Selenium, total | ug/L  | SW-101R | 09/03/2025 | ND | 2.0000  |     | 10.6000     |
| Selenium, total | ug/L  | SW-102  | 09/03/2025 | ND | 2.0000  |     | 10.6000     |
| Selenium, total | ug/L  | SW-103  | 09/03/2025 | ND | 2.0000  |     | 10.6000     |
| Silver, total   | ug/L  | MW-36   | 09/03/2025 | ND | 5.0000  |     | 6.4000      |

\* - Current value failed - awaiting verification.

\*\* - Current value passed - previous exceedance not verified.

\*\*\* - Current value failed - exceedance verified.

\*\*\*\* - Current value passed - awaiting one more verification.

\*\*\*\*\* - Insufficient background data to compute prediction limit.

ND = Not Detected, Result = detection limit.

Table 2

## Most Current Downgradient Monitoring Data

| Constituent     | Units | Well    | Date       |    | Result  |  | Pred. Limit |
|-----------------|-------|---------|------------|----|---------|--|-------------|
| Silver, total   | ug/L  | MW-41   | 09/03/2025 | ND | 5.0000  |  | 6.4000      |
| Silver, total   | ug/L  | MW-42   | 09/03/2025 | ND | 5.0000  |  | 6.4000      |
| Silver, total   | ug/L  | MW-58   | 09/03/2025 | ND | 5.0000  |  | 6.4000      |
| Silver, total   | ug/L  | MW-59   | 09/03/2025 | ND | 5.0000  |  | 6.4000      |
| Silver, total   | ug/L  | MW-60   | 09/03/2025 | ND | 5.0000  |  | 6.4000      |
| Silver, total   | ug/L  | MW-61   | 09/03/2025 | ND | 5.0000  |  | 6.4000      |
| Silver, total   | ug/L  | MW-62R  | 09/03/2025 | ND | 5.0000  |  | 6.4000      |
| Silver, total   | ug/L  | MW-79   | 09/03/2025 | ND | 5.0000  |  | 6.4000      |
| Silver, total   | ug/L  | MW-80   | 09/03/2025 | ND | 5.0000  |  | 6.4000      |
| Silver, total   | ug/L  | SW-101R | 09/03/2025 | ND | 5.0000  |  | 6.4000      |
| Silver, total   | ug/L  | SW-102  | 09/03/2025 | ND | 5.0000  |  | 6.4000      |
| Silver, total   | ug/L  | SW-103  | 09/03/2025 | ND | 5.0000  |  | 6.4000      |
| Thallium, total | ug/L  | MW-36   | 09/03/2025 | ND | 0.5000  |  | 2.4000      |
| Thallium, total | ug/L  | MW-41   | 09/03/2025 | ND | 0.5000  |  | 2.4000      |
| Thallium, total | ug/L  | MW-42   | 09/03/2025 | ND | 0.5000  |  | 2.4000      |
| Thallium, total | ug/L  | MW-58   | 09/03/2025 | ND | 0.5000  |  | 2.4000      |
| Thallium, total | ug/L  | MW-59   | 09/03/2025 | ND | 0.5000  |  | 2.4000      |
| Thallium, total | ug/L  | MW-60   | 09/03/2025 | ND | 0.5000  |  | 2.4000      |
| Thallium, total | ug/L  | MW-61   | 09/03/2025 | ND | 0.5000  |  | 2.4000      |
| Thallium, total | ug/L  | MW-62R  | 09/03/2025 | ND | 0.5000  |  | 2.4000      |
| Thallium, total | ug/L  | MW-79   | 09/03/2025 | ND | 0.5000  |  | 2.4000      |
| Thallium, total | ug/L  | MW-80   | 09/03/2025 | ND | 0.5000  |  | 2.4000      |
| Thallium, total | ug/L  | SW-101R | 09/03/2025 | ND | 0.5000  |  | 2.4000      |
| Thallium, total | ug/L  | SW-102  | 09/03/2025 | ND | 0.5000  |  | 2.4000      |
| Thallium, total | ug/L  | SW-103  | 09/03/2025 | ND | 0.5000  |  | 2.4000      |
| Vanadium, total | ug/L  | MW-36   | 09/03/2025 | ND | 2.0000  |  | 20.0000     |
| Vanadium, total | ug/L  | MW-41   | 09/03/2025 | ND | 2.0000  |  | 20.0000     |
| Vanadium, total | ug/L  | MW-42   | 09/03/2025 | ND | 2.0000  |  | 20.0000     |
| Vanadium, total | ug/L  | MW-58   | 09/03/2025 | ND | 2.0000  |  | 20.0000     |
| Vanadium, total | ug/L  | MW-59   | 09/03/2025 | ND | 2.0000  |  | 20.0000     |
| Vanadium, total | ug/L  | MW-60   | 09/03/2025 | ND | 2.0000  |  | 20.0000     |
| Vanadium, total | ug/L  | MW-61   | 09/03/2025 | ND | 2.0000  |  | 20.0000     |
| Vanadium, total | ug/L  | MW-62R  | 09/03/2025 | ND | 2.0000  |  | 20.0000     |
| Vanadium, total | ug/L  | MW-79   | 09/03/2025 | ND | 2.0000  |  | 20.0000     |
| Vanadium, total | ug/L  | MW-80   | 09/03/2025 | ND | 2.0000  |  | 20.0000     |
| Vanadium, total | ug/L  | SW-101R | 09/03/2025 | ND | 2.0000  |  | 20.0000     |
| Vanadium, total | ug/L  | SW-102  | 09/03/2025 | ND | 2.0000  |  | 20.0000     |
| Vanadium, total | ug/L  | SW-103  | 09/03/2025 |    | 3.3000  |  | 20.0000     |
| Zinc, total     | ug/L  | MW-36   | 09/03/2025 |    | 11.4000 |  | 32.3000     |
| Zinc, total     | ug/L  | MW-41   | 09/03/2025 |    | 9.8000  |  | 32.3000     |
| Zinc, total     | ug/L  | MW-42   | 09/03/2025 |    | 12.7000 |  | 32.3000     |
| Zinc, total     | ug/L  | MW-58   | 09/03/2025 |    | 8.0000  |  | 32.3000     |
| Zinc, total     | ug/L  | MW-59   | 09/03/2025 |    | 6.1000  |  | 32.3000     |
| Zinc, total     | ug/L  | MW-60   | 09/03/2025 |    | 13.4000 |  | 32.3000     |
| Zinc, total     | ug/L  | MW-61   | 09/03/2025 |    | 8.2000  |  | 32.3000     |
| Zinc, total     | ug/L  | MW-62R  | 09/03/2025 |    | 13.1000 |  | 32.3000     |
| Zinc, total     | ug/L  | MW-79   | 09/03/2025 |    | 12.2000 |  | 32.3000     |
| Zinc, total     | ug/L  | MW-80   | 09/03/2025 |    | 6.0000  |  | 32.3000     |
| Zinc, total     | ug/L  | SW-101R | 09/03/2025 | ND | 5.0000  |  | 32.3000     |
| Zinc, total     | ug/L  | SW-102  | 09/03/2025 |    | 7.3000  |  | 32.3000     |
| Zinc, total     | ug/L  | SW-103  | 09/03/2025 |    | 19.9000 |  | 32.3000     |

\* - Current value failed - awaiting verification.

\*\* - Current value passed - previous exceedance not verified.

\*\*\* - Current value failed - exceedance verified.

\*\*\*\* - Current value passed - awaiting one more verification.

\*\*\*\*\* - Insufficient background data to compute prediction limit.

ND = Not Detected, Result = detection limit.

**Table 3****Detection Frequencies in Upgradient and Downgradient Wells**

| Constituent      | Detect | Upgradient<br>N | Proportion | Detect | Downgradient<br>N | Proportion |
|------------------|--------|-----------------|------------|--------|-------------------|------------|
| Antimony, total  | 0      | 82              | 0.000      | 2      | 355               | 0.006      |
| Arsenic, total   | 2      | 82              | 0.024      | 38     | 355               | 0.107      |
| Barium, total    | 82     | 82              | 1.000      | 354    | 354               | 1.000      |
| Beryllium, total | 0      | 79              | 0.000      | 3      | 354               | 0.008      |
| Cadmium, total   | 0      | 79              | 0.000      | 15     | 354               | 0.042      |
| Chromium, total  | 0      | 79              | 0.000      | 22     | 355               | 0.062      |
| Cobalt, total    | 12     | 82              | 0.146      | 119    | 359               | 0.331      |
| Copper, total    | 0      | 82              | 0.000      | 62     | 359               | 0.173      |
| Lead, total      | 0      | 79              | 0.000      | 21     | 354               | 0.059      |
| Nickel, total    | 5      | 82              | 0.061      | 184    | 359               | 0.513      |
| Selenium, total  | 24     | 82              | 0.293      | 24     | 354               | 0.068      |
| Silver, total    | 1      | 82              | 0.012      | 1      | 354               | 0.003      |
| Thallium, total  | 1      | 79              | 0.013      | 0      | 354               | 0.000      |
| Vanadium, total  | 0      | 79              | 0.000      | 12     | 355               | 0.034      |
| Zinc, total      | 7      | 82              | 0.085      | 91     | 356               | 0.256      |

N = Total number of measurements in all wells.

Detect = Total number of detections in all wells.

Proportion = Detect/N.



Table 4

## Shapiro-Wilk Multiple Group Test of Normality

| Constituent      | Detect | N  | Detect Freq | G raw | G log | G cbrt | G sqrt | G sqr | G cub | Crit Value | Dist Form | Model Type |
|------------------|--------|----|-------------|-------|-------|--------|--------|-------|-------|------------|-----------|------------|
| Antimony, total  | 0      | 82 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Arsenic, total   | 2      | 82 | 0.024       |       |       |        |        |       |       |            |           | nonpar     |
| Barium, total    | 82     | 82 | 1.000       | 2.942 | 3.181 |        |        |       |       | 2.326      | non-norm  | nonpar     |
| Beryllium, total | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Cadmium, total   | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Chromium, total  | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Cobalt, total    | 12     | 82 | 0.146       | 0.421 | 0.600 |        |        |       |       | 2.326      | normal    | nonpar     |
| Copper, total    | 0      | 82 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Lead, total      | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Nickel, total    | 5      | 82 | 0.061       | 0.460 | 0.593 |        |        |       |       | 2.326      | normal    | nonpar     |
| Selenium, total  | 24     | 82 | 0.293       | 0.677 | 0.217 |        |        |       |       | 2.326      | normal    | nonpar     |
| Silver, total    | 1      | 82 | 0.012       |       |       |        |        |       |       |            |           | nonpar     |
| Thallium, total  | 1      | 79 | 0.013       |       |       |        |        |       |       |            |           | nonpar     |
| Vanadium, total  | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Zinc, total      | 7      | 82 | 0.085       | 0.007 | 1.085 |        |        |       |       | 2.326      | normal    | nonpar     |

\* - Distribution override for that constituent.

Fit to distribution is confirmed if G <= critical value.

Model type may not match distributional form when detection frequency < 50%.

Table 5

## Summary Statistics and Prediction Limits

| Constituent      | Units | Detect | N  | Mean | SD | alpha | Factor | Pred Limit | Type   |     | Conf |
|------------------|-------|--------|----|------|----|-------|--------|------------|--------|-----|------|
| Antimony, total  | ug/L  | 0      | 82 |      |    |       |        | 2.0000     | nonpar | *** | 0.99 |
| Arsenic, total   | ug/L  | 2      | 82 |      |    |       |        | 7.3000     | nonpar |     | 0.99 |
| Barium, total    | ug/L  | 82     | 82 |      |    |       |        | 357.0000   | nonpar |     | 0.99 |
| Beryllium, total | ug/L  | 0      | 79 |      |    |       |        | 4.0000     | nonpar | *** | 0.99 |
| Cadmium, total   | ug/L  | 0      | 79 |      |    |       |        | 0.8000     | nonpar | *** | 0.99 |
| Chromium, total  | ug/L  | 0      | 79 |      |    |       |        | 8.0000     | nonpar | *** | 0.99 |
| Cobalt, total    | ug/L  | 12     | 82 |      |    |       |        | 6.9000     | nonpar |     | 0.99 |
| Copper, total    | ug/L  | 0      | 82 |      |    |       |        | 4.0000     | nonpar | *** | 0.99 |
| Lead, total      | ug/L  | 0      | 79 |      |    |       |        | 4.0000     | nonpar | *** | 0.99 |
| Nickel, total    | ug/L  | 5      | 82 |      |    |       |        | 8.7000     | nonpar |     | 0.99 |
| Selenium, total  | ug/L  | 24     | 82 |      |    |       |        | 10.6000    | nonpar |     | 0.99 |
| Silver, total    | ug/L  | 1      | 82 |      |    |       |        | 6.4000     | nonpar |     | 0.99 |
| Thallium, total  | ug/L  | 1      | 79 |      |    |       |        | 2.4000     | nonpar |     | 0.99 |
| Vanadium, total  | ug/L  | 0      | 79 |      |    |       |        | 20.0000    | nonpar | *** | 0.99 |
| Zinc, total      | ug/L  | 7      | 82 |      |    |       |        | 32.3000    | nonpar |     | 0.99 |

Conf = confidence level for passing initial test or one verification resample at all downgradient wells for a single constituent (nonparametric test only).

\* - Insufficient Data.

\*\* - Calculated limit raised to Manual Reporting Limit.

\*\*\* - Nonparametric limit based on ND value.

For transformed data, mean and SD in transformed units and prediction limit in original units.

All sample sizes and statistics are based on outlier free data.

For nonparametric limits, median reporting limits are substituted for extreme reporting limit values.

Table 6

**Dixon's Test Outliers  
1% Significance Level**

| Constituent      | Units | Well  | Date       | Result | ND Qualifier | Date Range            | N  | Critical Value |
|------------------|-------|-------|------------|--------|--------------|-----------------------|----|----------------|
| Beryllium, total | ug/L  | MW-39 | 09/03/2025 | 0.5000 | < 0.5000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Beryllium, total | ug/L  | MW-48 | 09/03/2025 | 0.5000 | < 0.5000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Beryllium, total | ug/L  | MW-78 | 09/03/2025 | 0.5000 | < 0.5000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Cadmium, total   | ug/L  | MW-39 | 09/03/2025 | 0.2000 | < 0.2000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Cadmium, total   | ug/L  | MW-48 | 09/03/2025 | 0.2000 | < 0.2000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Cadmium, total   | ug/L  | MW-78 | 09/03/2025 | 0.2000 | < 0.2000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Chromium, total  | ug/L  | MW-39 | 09/03/2025 | 1.0000 | < 1.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Chromium, total  | ug/L  | MW-48 | 09/03/2025 | 1.0000 | < 1.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Chromium, total  | ug/L  | MW-78 | 09/03/2025 | 1.0000 | < 1.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Lead, total      | ug/L  | MW-39 | 09/03/2025 | 1.0000 | < 1.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Lead, total      | ug/L  | MW-48 | 09/03/2025 | 1.0000 | < 1.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Lead, total      | ug/L  | MW-78 | 09/03/2025 | 1.0000 | < 1.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Thallium, total  | ug/L  | MW-39 | 09/03/2025 | 0.5000 | < 0.5000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Thallium, total  | ug/L  | MW-48 | 09/03/2025 | 0.5000 | < 0.5000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Thallium, total  | ug/L  | MW-78 | 09/03/2025 | 0.5000 | < 0.5000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Vanadium, total  | ug/L  | MW-39 | 09/03/2025 | 2.0000 | < 2.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Vanadium, total  | ug/L  | MW-48 | 09/03/2025 | 2.0000 | < 2.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Vanadium, total  | ug/L  | MW-78 | 09/03/2025 | 2.0000 | < 2.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |

N = Total number of independent measurements in background at each well.

Date Range = Dates of the first and last measurements included in background at each well.

Critical Value depends on the significance level and on N-1 when the two most extreme values are tested or N for the most extreme value.

Table 8

**Historical Downgradient Data for Constituent-Well Combinations  
that Failed the Current Statistical Evaluation or  
are in Verification Resampling Mode**

| Constituent   | Units | Well   | Date       |    | Result    |   | Pred. Limit |
|---------------|-------|--------|------------|----|-----------|---|-------------|
| Barium, total | ug/L  | MW-62R | 09/28/2010 |    | 775.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 12/22/2010 |    | 805.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/23/2011 |    | 688.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 05/17/2011 |    | 716.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 07/14/2011 |    | 615.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 09/08/2011 |    | 706.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/09/2012 |    | 651.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 09/25/2012 |    | 612.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/15/2013 |    | 685.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 09/24/2013 |    | 925.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/25/2014 |    | 706.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 09/24/2014 |    | 833.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/11/2015 |    | 773.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 09/16/2015 |    | 802.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/22/2016 |    | 817.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 09/15/2016 |    | 784.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/23/2017 |    | 831.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 09/08/2017 |    | 864.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/19/2018 |    | 858.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 09/11/2018 |    | 816.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/26/2019 |    | 891.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 09/04/2019 |    | 917.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/26/2020 |    | 1060.0000 | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 09/15/2020 |    | 1070.0000 | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/02/2021 |    | 1010.0000 | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 09/07/2021 |    | 1060.0000 | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/24/2022 |    | 1020.0000 | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 08/31/2022 |    | 1060.0000 | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/02/2023 |    | 1170.0000 | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 09/12/2023 |    | 1050.0000 | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/04/2024 |    | 1010.0000 | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 09/23/2024 |    | 945.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 03/12/2025 |    | 946.0000  | * | 357.0000    |
| Barium, total | ug/L  | MW-62R | 09/03/2025 |    | 1130.0000 | * | 357.0000    |
| Copper, total | ug/L  | MW-59  | 09/27/2010 |    | 5.4000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/23/2011 |    | 8.1000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 09/08/2011 |    | 27.8000   | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/09/2012 |    | 6.3000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 09/25/2012 |    | 4.9000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/15/2013 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-59  | 09/24/2013 |    | 6.3000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/25/2014 |    | 4.4000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 09/24/2014 |    | 4.4000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/11/2015 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-59  | 09/17/2015 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/22/2016 |    | 4.7000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 09/15/2016 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/23/2017 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-59  | 09/08/2017 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/19/2018 |    | 4.8000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 06/05/2018 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-59  | 09/11/2018 |    | 4.6000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 12/05/2018 |    | 4.1000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/26/2019 |    | 5.5000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 09/04/2019 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/26/2020 |    | 6.9000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 09/15/2020 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/02/2021 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-59  | 09/07/2021 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/24/2022 |    | 8.2000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 08/31/2022 |    | 6.0000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/02/2023 |    | 6.8000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 09/12/2023 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/04/2024 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-59  | 09/23/2024 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-59  | 03/12/2025 |    | 6.7000    | * | 4.0000      |
| Copper, total | ug/L  | MW-59  | 09/03/2025 | ND | 5.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 09/28/2010 |    | 4.4000    | * | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/23/2011 |    | 11.7000   | * | 4.0000      |
| Copper, total | ug/L  | MW-60  | 09/08/2011 | ND | 4.0000    |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/09/2012 |    | 7.2000    | * | 4.0000      |

\* - Significantly increased over background.

\*\* - Detect at limit for 100% NDs in background (NPPL only).

\*\*\* - Manual exclusion.

ND = Not Detected, Result = detection limit.

Table 8

**Historical Downgradient Data for Constituent-Well Combinations  
that Failed the Current Statistical Evaluation or  
are in Verification Resampling Mode**

| Constituent   | Units | Well   | Date       |    | Result  |   | Pred. Limit |
|---------------|-------|--------|------------|----|---------|---|-------------|
| Copper, total | ug/L  | MW-60  | 09/25/2012 |    | 6.5000  | * | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/15/2013 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 09/24/2013 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/25/2014 |    | 4.4000  | * | 4.0000      |
| Copper, total | ug/L  | MW-60  | 09/24/2014 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/11/2015 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 09/17/2015 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/22/2016 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 09/15/2016 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/23/2017 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 09/08/2017 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/19/2018 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 09/11/2018 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/26/2019 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 09/04/2019 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/26/2020 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 09/15/2020 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/02/2021 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 09/07/2021 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/24/2022 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 08/31/2022 |    | 10.3000 | * | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/02/2023 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 09/12/2023 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/04/2024 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 09/23/2024 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-60  | 03/12/2025 |    | 4.5000  | * | 4.0000      |
| Copper, total | ug/L  | MW-60  | 09/03/2025 | ND | 5.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/28/2010 |    | 5.8000  | * | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/23/2011 | ND | 5.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/08/2011 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/09/2012 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/25/2012 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/15/2013 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/25/2013 |    | 10.5000 | * | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/25/2014 |    | 4.2000  | * | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/24/2014 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/11/2015 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/17/2015 |    | 13.1000 | * | 4.0000      |
| Copper, total | ug/L  | MW-61  | 12/17/2015 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/22/2016 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/15/2016 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/23/2017 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/08/2017 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/19/2018 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/11/2018 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/26/2019 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/04/2019 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/26/2020 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/15/2020 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/02/2021 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/07/2021 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/24/2022 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 08/31/2022 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/02/2023 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/12/2023 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/04/2024 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/23/2024 |    | 5.0000  | * | 4.0000      |
| Copper, total | ug/L  | MW-61  | 03/12/2025 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | MW-61  | 09/03/2025 |    | 6.5000  | * | 4.0000      |
| Copper, total | ug/L  | SW-102 | 03/19/2018 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | SW-102 | 09/11/2018 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | SW-102 | 03/26/2019 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | SW-102 | 09/04/2019 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | SW-102 | 03/26/2020 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | SW-102 | 09/15/2020 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | SW-102 | 03/02/2021 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | SW-102 | 09/07/2021 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | SW-102 | 03/24/2022 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | SW-102 | 03/02/2023 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | SW-102 | 03/04/2024 | ND | 4.0000  |   | 4.0000      |
| Copper, total | ug/L  | SW-102 | 09/23/2024 | ND | 4.0000  |   | 4.0000      |

\* - Significantly increased over background.

\*\* - Detect at limit for 100% NDs in background (NPPL only).

\*\*\* - Manual exclusion.

ND = Not Detected, Result = detection limit.

Table 8

**Historical Downgradient Data for Constituent-Well Combinations  
that Failed the Current Statistical Evaluation or  
are in Verification Resampling Mode**

| Constituent   | Units | Well   | Date       |    | Result    | Pred. Limit |
|---------------|-------|--------|------------|----|-----------|-------------|
| Copper, total | ug/L  | SW-102 | 03/12/2025 | ND | 4.0000    | 4.0000      |
| Copper, total | ug/L  | SW-102 | 09/03/2025 |    | 7.8000 *  | 4.0000      |
| Nickel, total | ug/L  | MW-58  | 09/27/2010 |    | 13.2000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/23/2011 |    | 67.5000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 09/08/2011 |    | 17.6000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/09/2012 |    | 31.4000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 09/25/2012 |    | 24.1000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/15/2013 |    | 12.4000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 09/25/2013 |    | 17.2000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/25/2014 |    | 12.8000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 09/24/2014 |    | 6.5000 *  | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/11/2015 |    | 8.7000 *  | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 09/17/2015 |    | 12.8000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/22/2016 |    | 21.2000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 09/15/2016 |    | 13.3000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/23/2017 |    | 23.8000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 09/08/2017 |    | 21.1000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/19/2018 |    | 25.5000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 09/11/2018 |    | 18.4000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 12/05/2018 |    | 18.4000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/26/2019 |    | 22.9000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 09/04/2019 |    | 4.3000 *  | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/26/2020 |    | 19.9000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 09/15/2020 |    | 17.7000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/02/2021 |    | 14.7000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 09/07/2021 |    | 16.3000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/24/2022 |    | 18.3000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 08/31/2022 |    | 14.7000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/02/2023 |    | 15.5000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 09/12/2023 |    | 13.9000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/04/2024 |    | 16.7000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 09/23/2024 |    | 12.6000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 03/12/2025 |    | 14.2000 * | 8.7000      |
| Nickel, total | ug/L  | MW-58  | 09/03/2025 |    | 13.1000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/28/2010 |    | 16.9000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/23/2011 |    | 19.7000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/08/2011 |    | 21.4000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/09/2012 |    | 24.4000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/25/2012 |    | 18.0000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/15/2013 |    | 6.8000 *  | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/24/2013 |    | 26.6000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/25/2014 |    | 14.6000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/24/2014 |    | 7.0000 *  | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/11/2015 | ND | 4.0000 *  | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/17/2015 |    | 13.6000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 12/17/2015 | ND | 4.0000 *  | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/22/2016 |    | 7.9000 *  | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/15/2016 |    | 17.3000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/23/2017 | ND | 4.0000 *  | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/08/2017 |    | 7.5000 *  | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/19/2018 | ND | 4.0000 *  | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/11/2018 | ND | 4.0000 *  | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/26/2019 |    | 15.2000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/04/2019 |    | 24.8000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/26/2020 |    | 19.4000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/15/2020 |    | 34.4000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/02/2021 |    | 22.0000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/07/2021 |    | 30.1000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/24/2022 |    | 18.2000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 08/31/2022 |    | 45.7000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/02/2023 |    | 11.5000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/12/2023 |    | 26.4000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/04/2024 | ND | 4.0000 *  | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/23/2024 |    | 29.2000 * | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 03/12/2025 |    | 5.3000 *  | 8.7000      |
| Nickel, total | ug/L  | MW-60  | 09/03/2025 |    | 15.2000 * | 8.7000      |

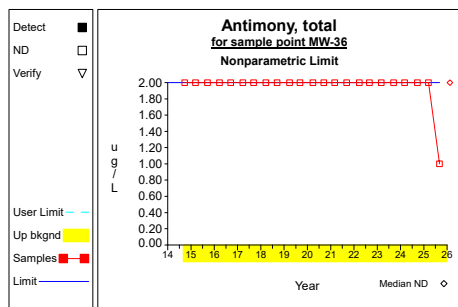
\* - Significantly increased over background.

\*\* - Detect at limit for 100% NDs in background (NPPL only).

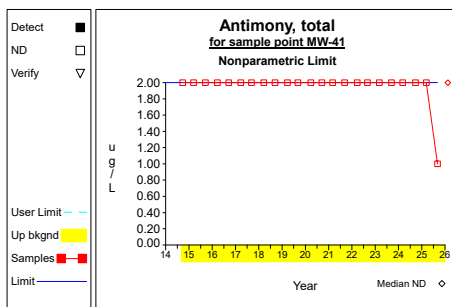
\*\*\* - Manual exclusion.

ND = Not Detected, Result = detection limit.

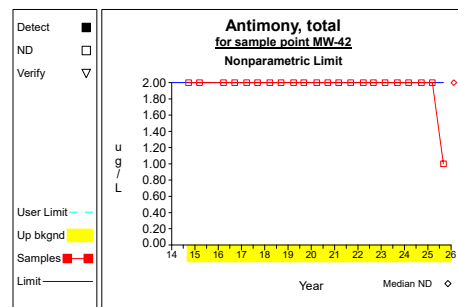
# Up vs. Down Prediction Limits



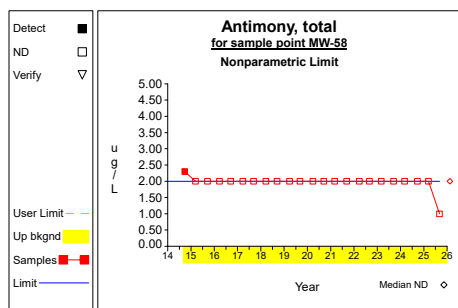
Graph 1



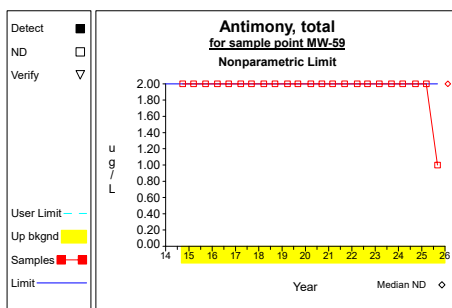
Graph 2



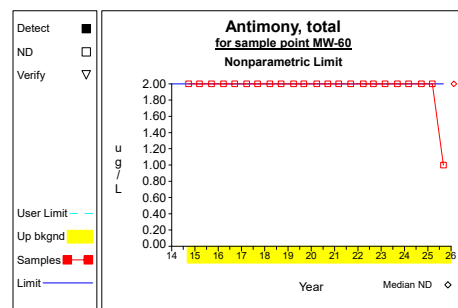
Graph 3



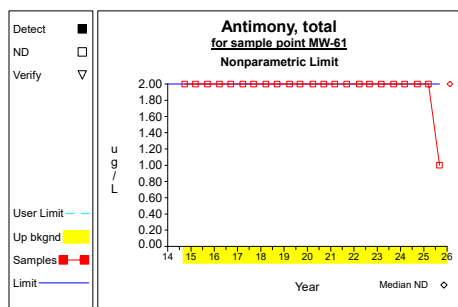
Graph 4



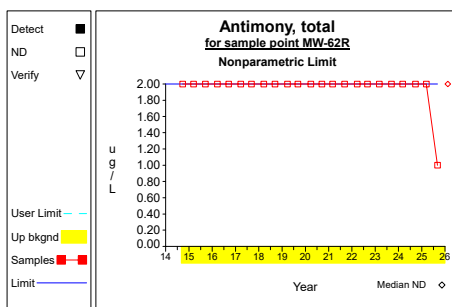
Graph 5



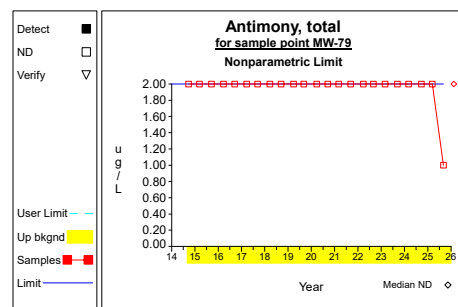
Graph 6



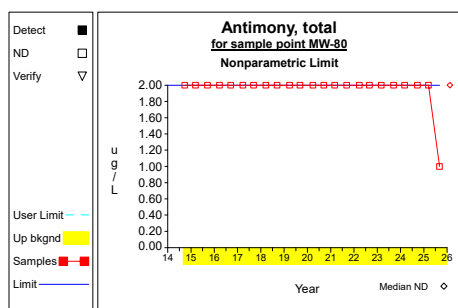
Graph 7



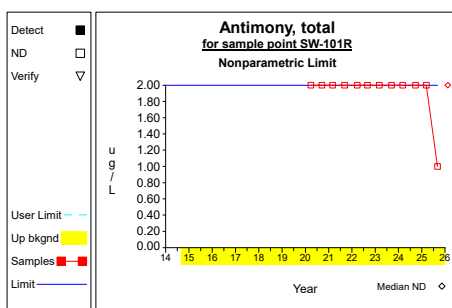
Graph 8



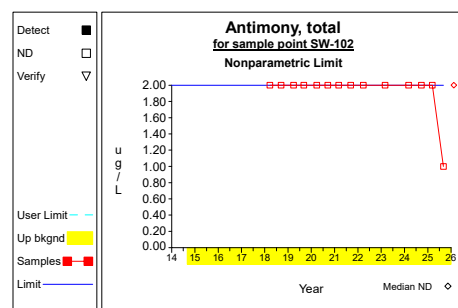
Graph 9



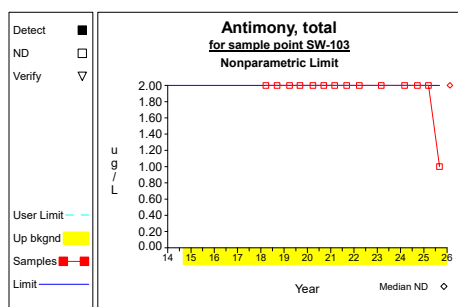
Graph 10



Graph 11

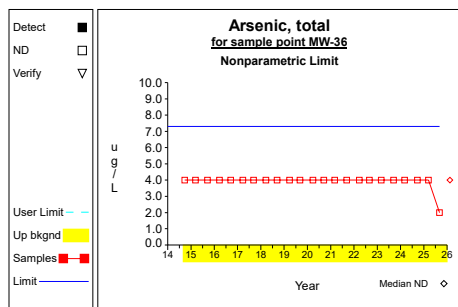


Graph 12

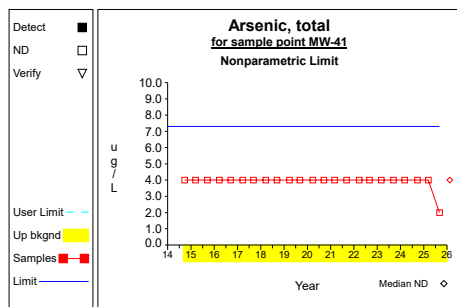


Graph 13

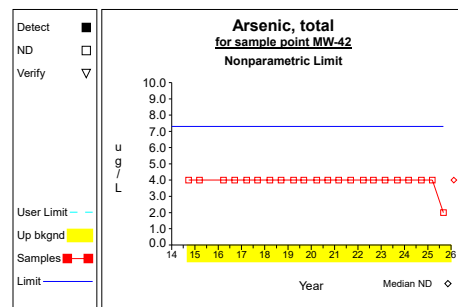
# Up vs. Down Prediction Limits



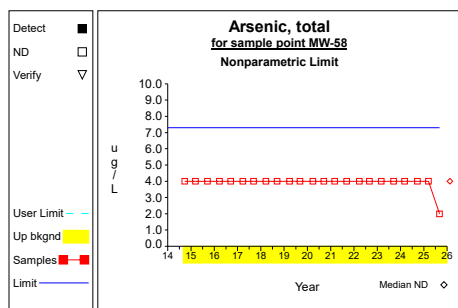
Graph 14



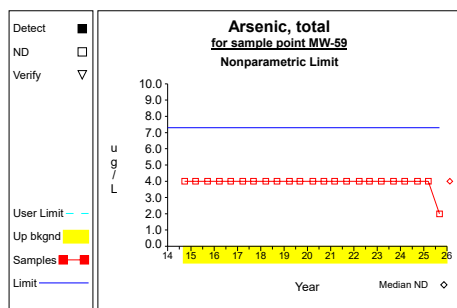
Graph 15



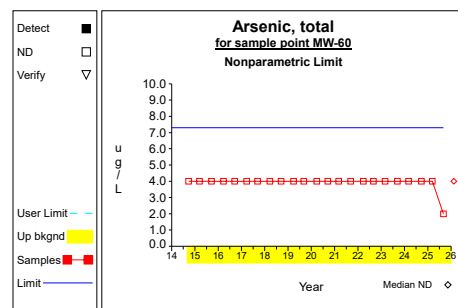
Graph 16



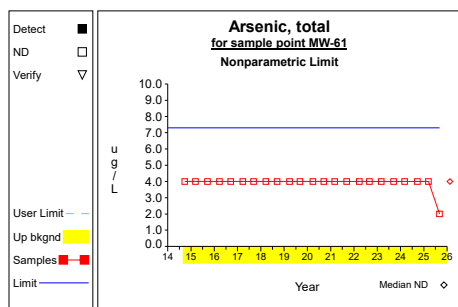
Graph 17



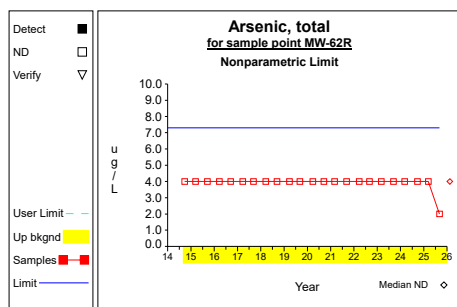
Graph 18



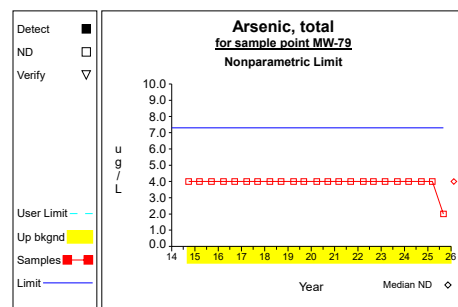
Graph 19



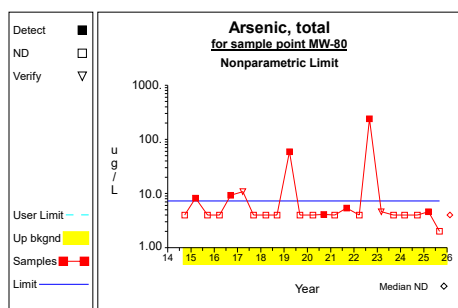
Graph 20



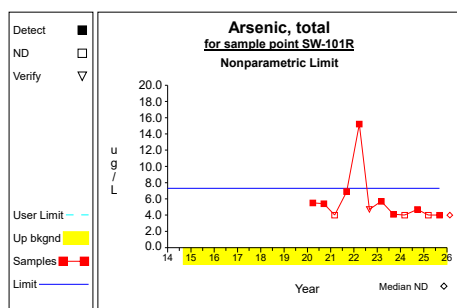
Graph 21



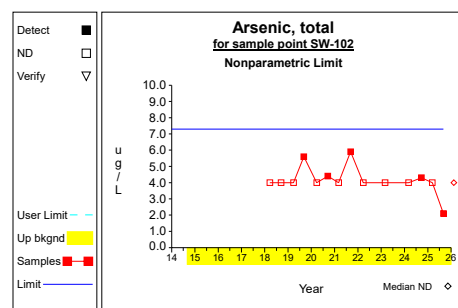
Graph 22



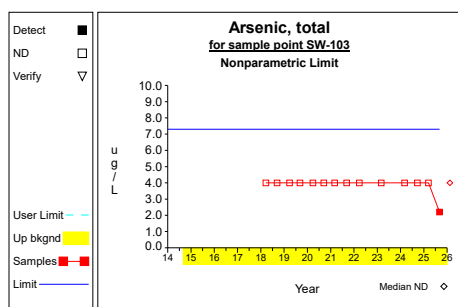
Graph 23



Graph 24



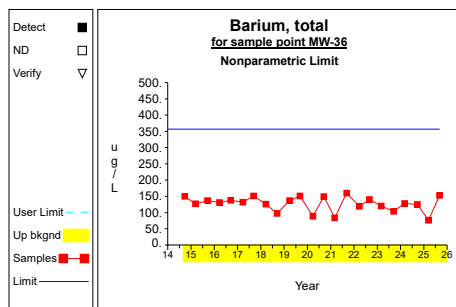
Graph 25



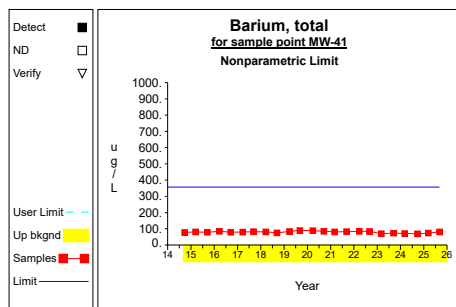
Graph 26



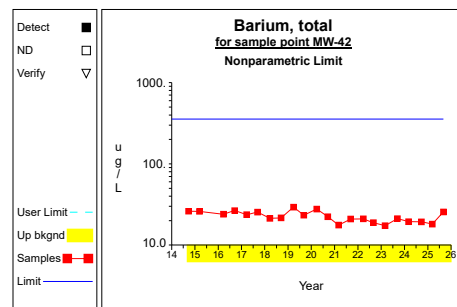
## Up vs. Down Prediction Limits



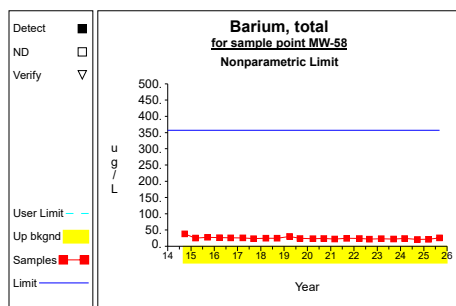
Graph 27



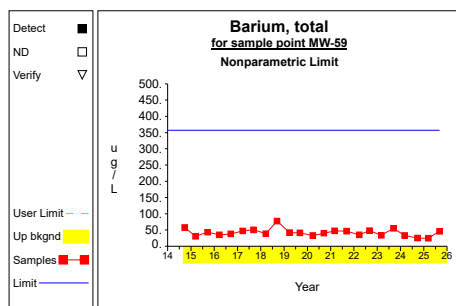
Graph 28



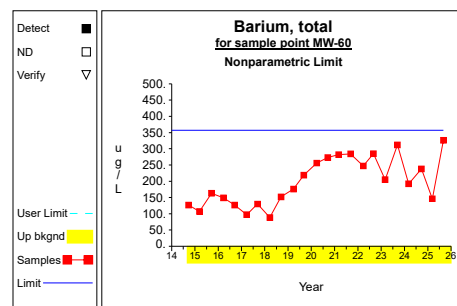
Graph 29



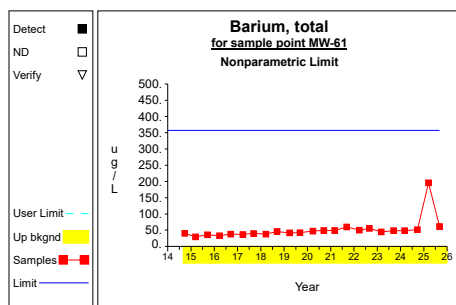
Graph 30



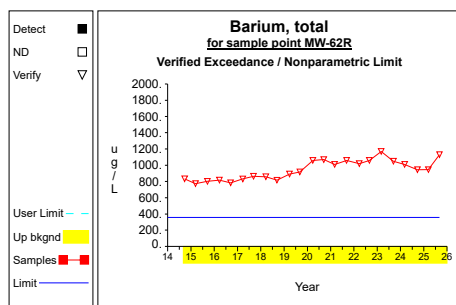
Graph 31



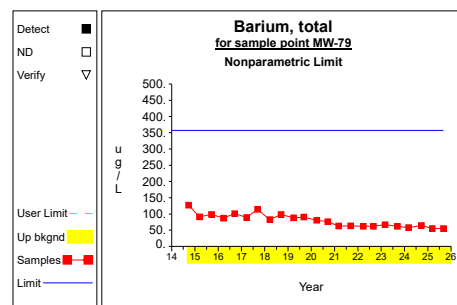
Graph 32



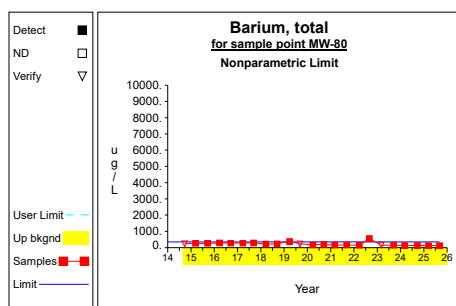
Graph 33



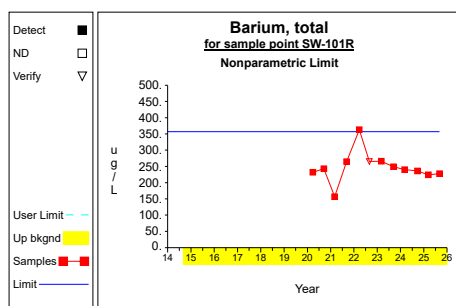
Graph 34



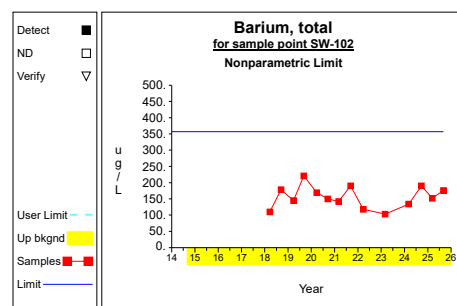
Graph 35



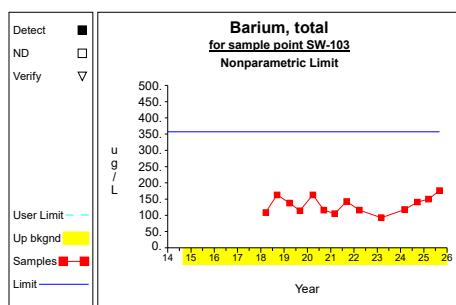
Graph 36



Graph 37

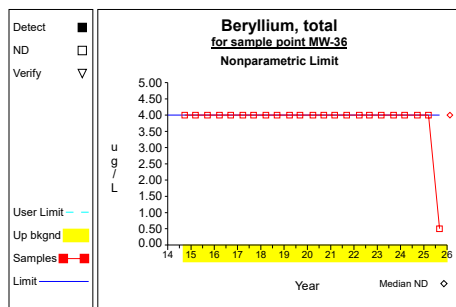


Graph 38

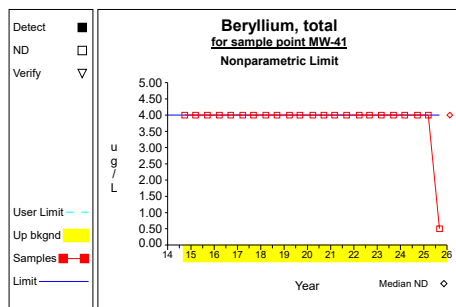


Graph 39

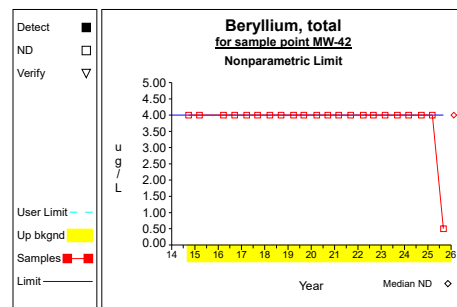
# Up vs. Down Prediction Limits



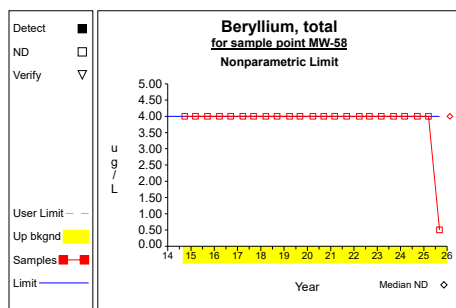
Graph 40



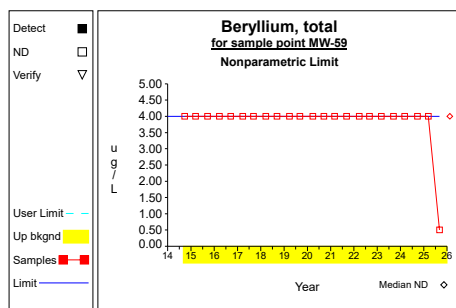
Graph 41



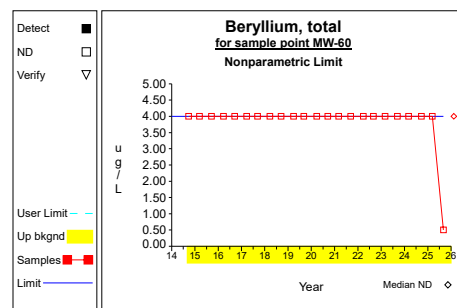
Graph 42



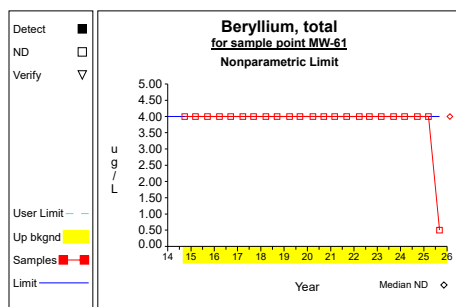
Graph 43



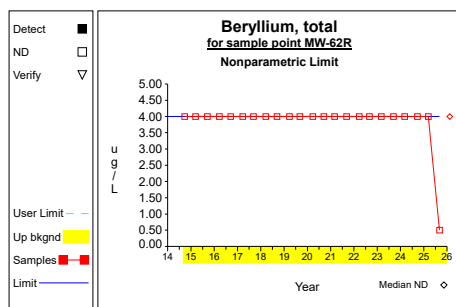
Graph 44



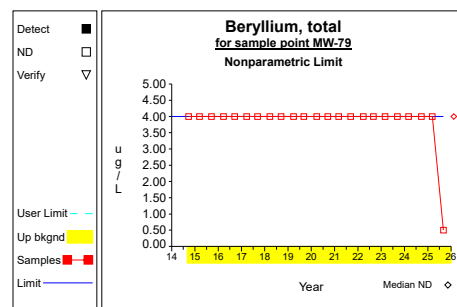
Graph 45



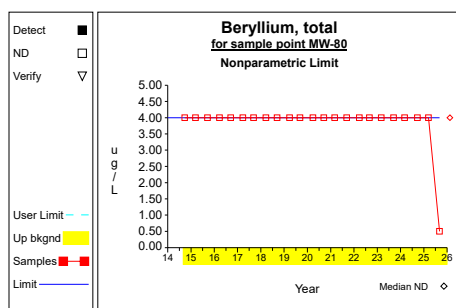
Graph 46



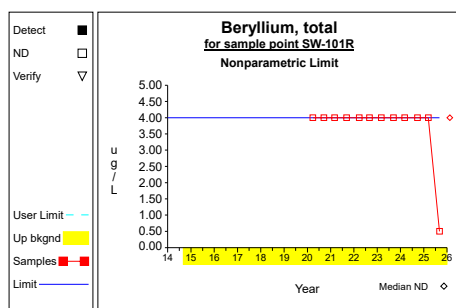
Graph 47



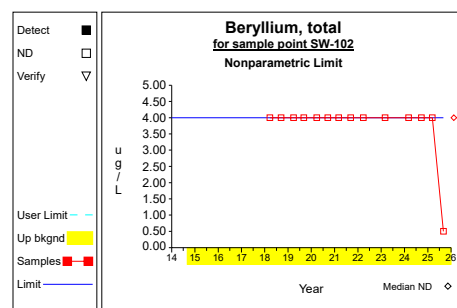
Graph 48



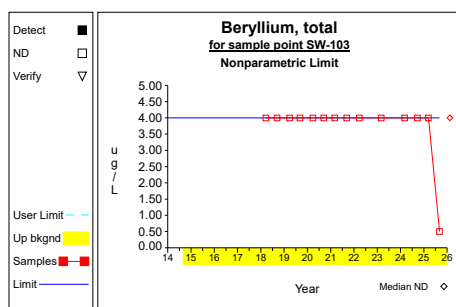
Graph 49



Graph 50

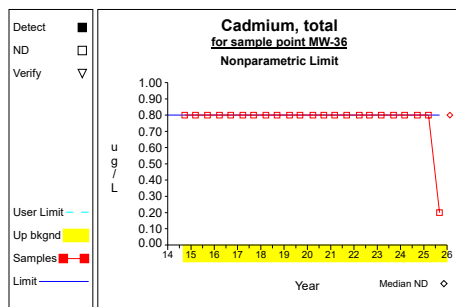


Graph 51

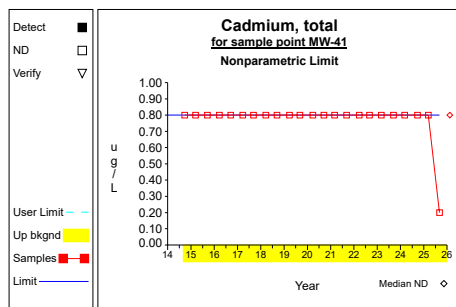


Graph 52

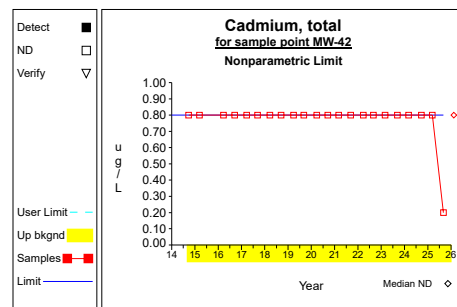
# Up vs. Down Prediction Limits



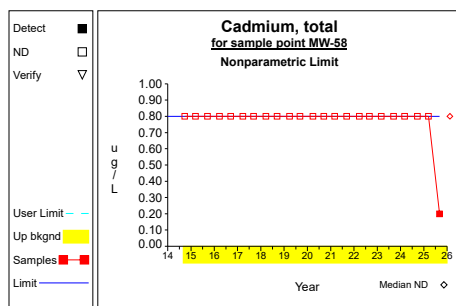
Graph 53



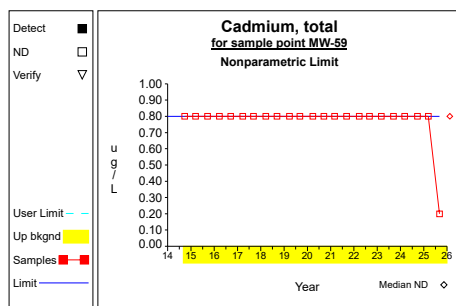
Graph 54



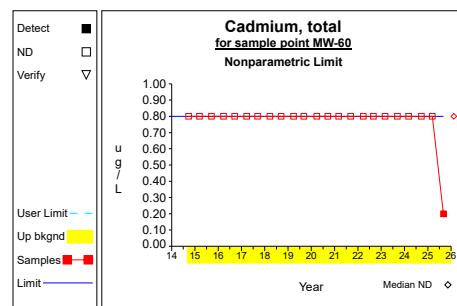
Graph 55



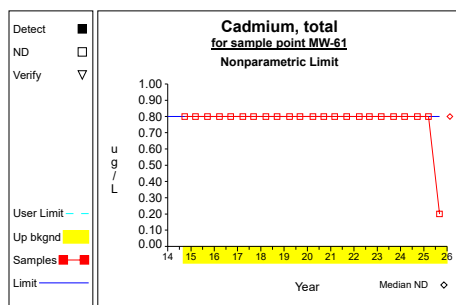
Graph 56



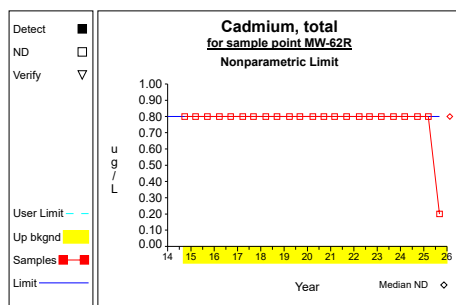
Graph 57



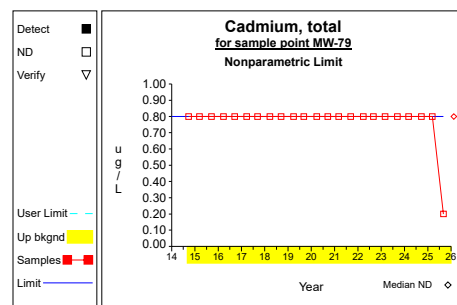
Graph 58



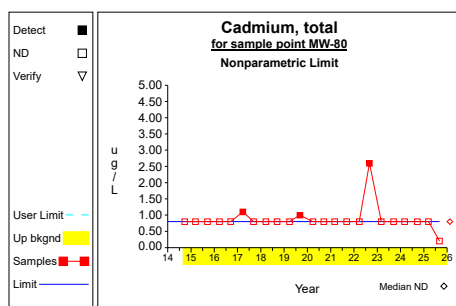
Graph 59



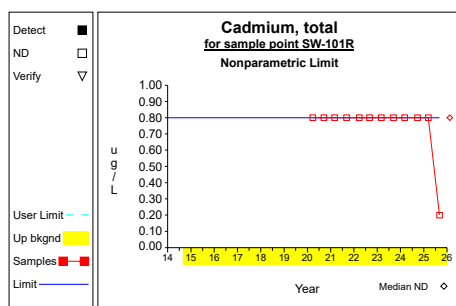
Graph 60



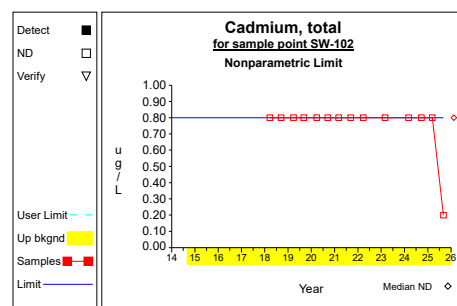
Graph 61



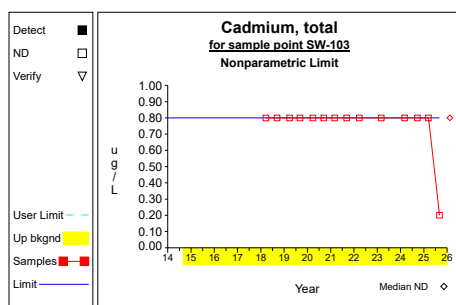
Graph 62



Graph 63

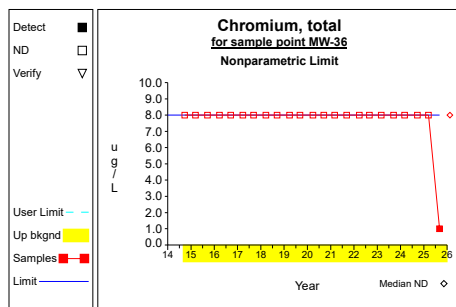


Graph 64

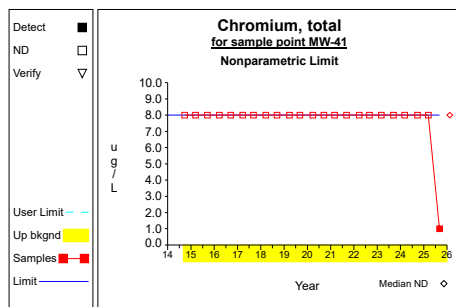


Graph 65

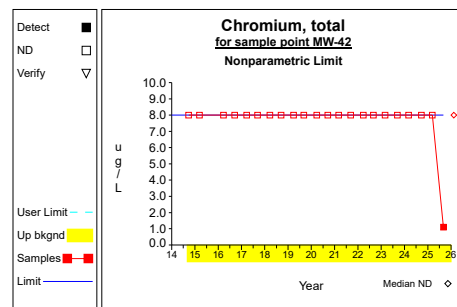
# Up vs. Down Prediction Limits



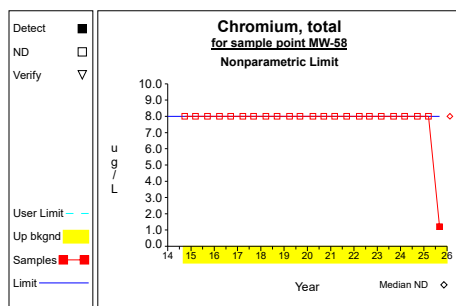
Graph 66



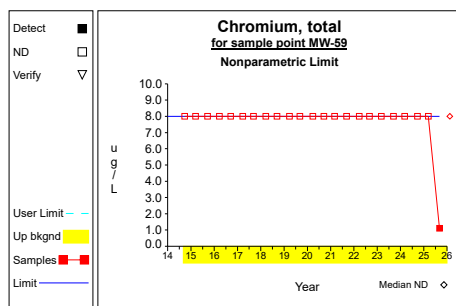
Graph 67



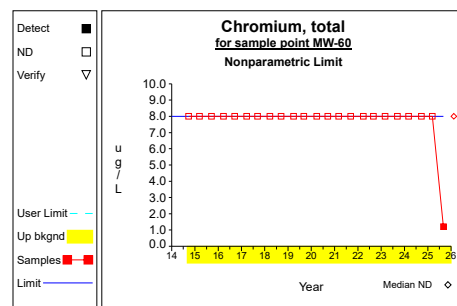
Graph 68



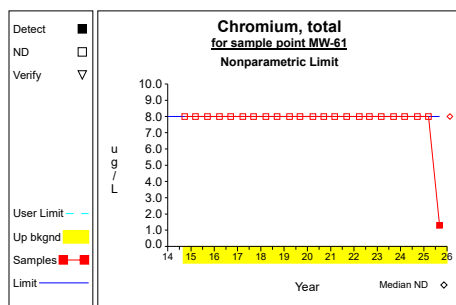
Graph 69



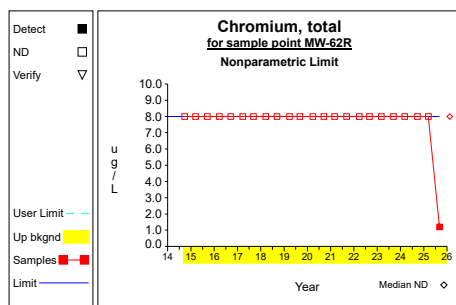
Graph 70



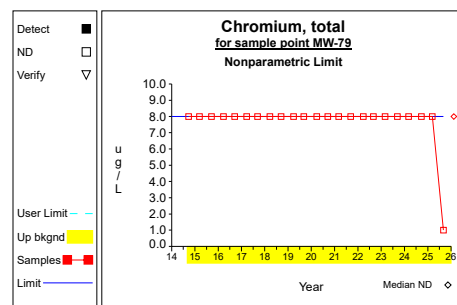
Graph 71



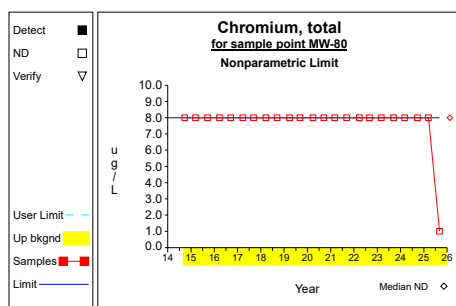
Graph 72



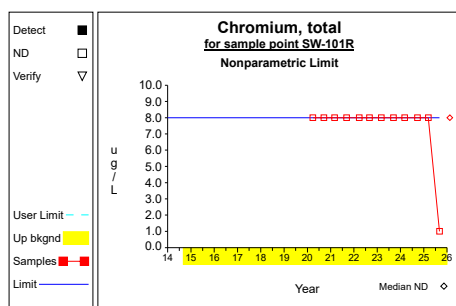
Graph 73



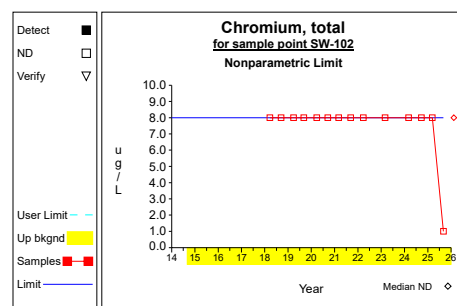
Graph 74



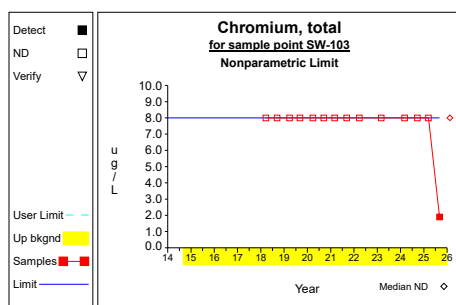
Graph 75



Graph 76

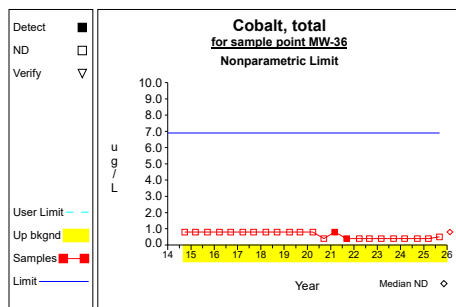


Graph 77

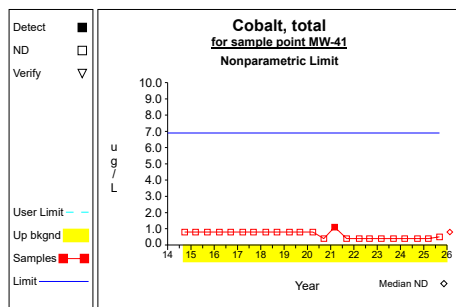


Graph 78

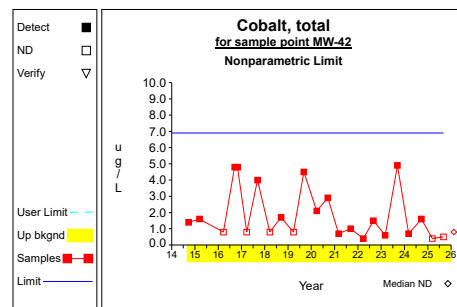
# Up vs. Down Prediction Limits



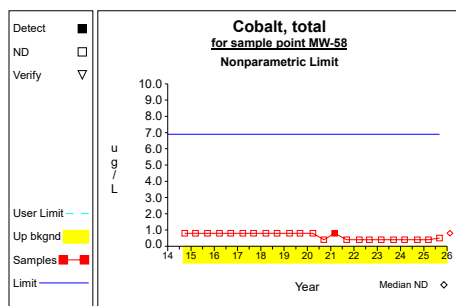
Graph 79



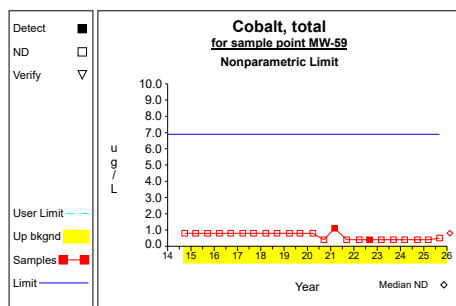
Graph 80



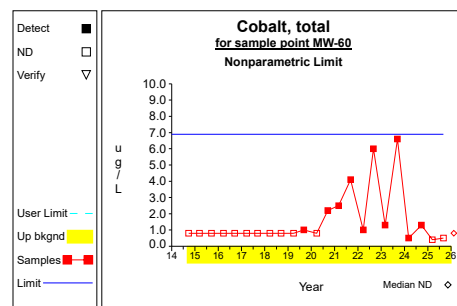
Graph 81



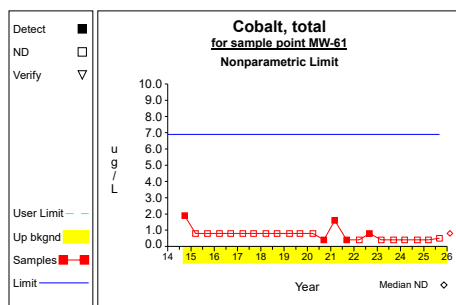
Graph 82



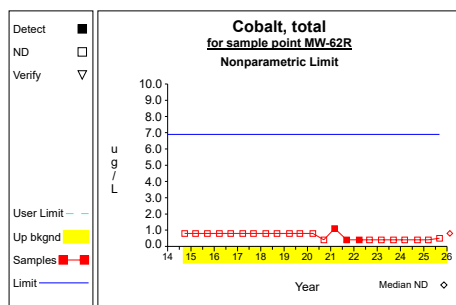
Graph 83



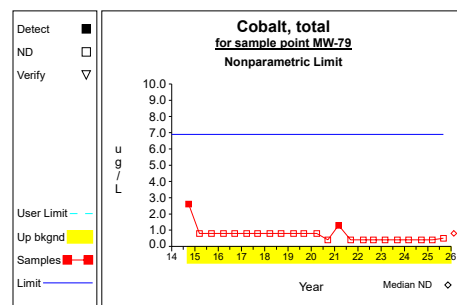
Graph 84



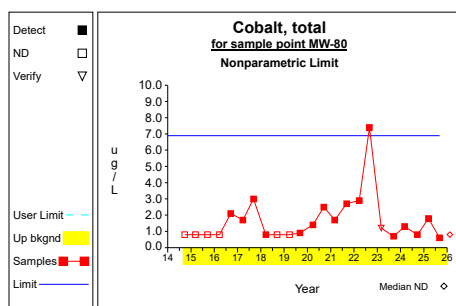
Graph 85



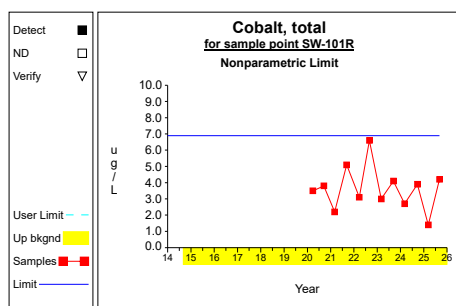
Graph 86



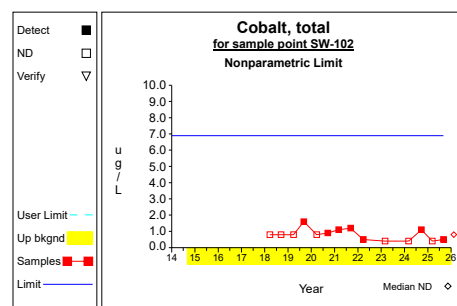
Graph 87



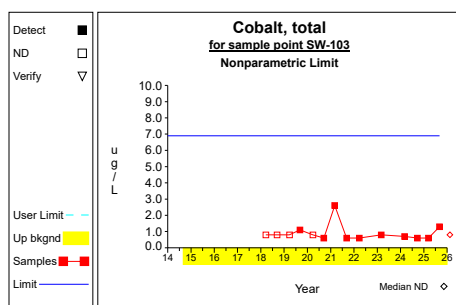
Graph 88



Graph 89

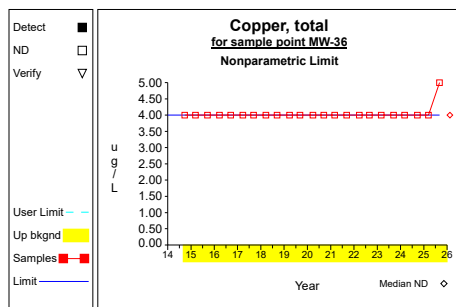


Graph 90

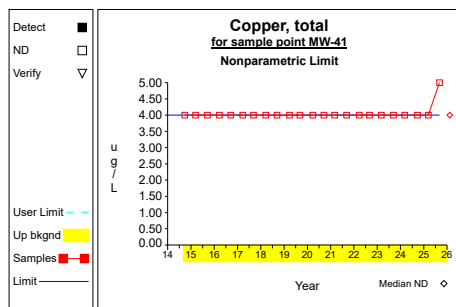


Graph 91

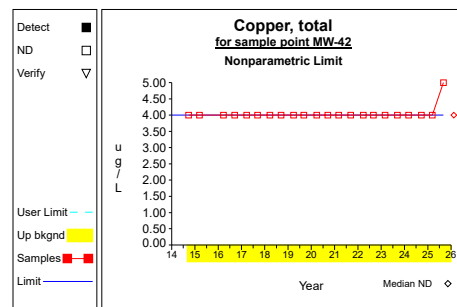
# Up vs. Down Prediction Limits



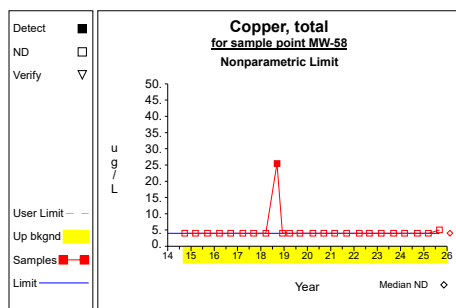
Graph 92



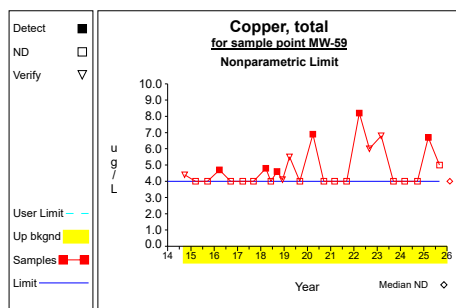
Graph 93



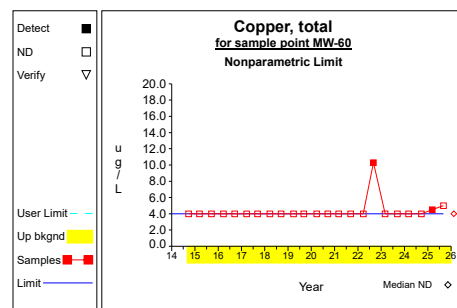
Graph 94



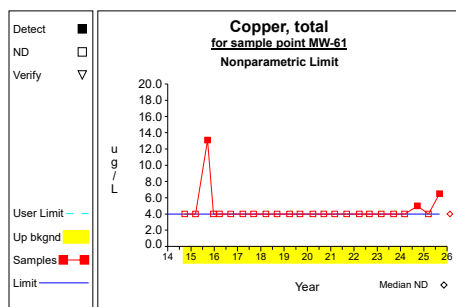
Graph 95



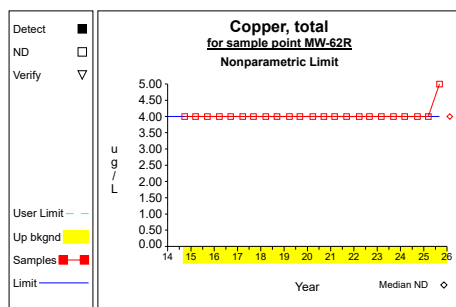
Graph 96



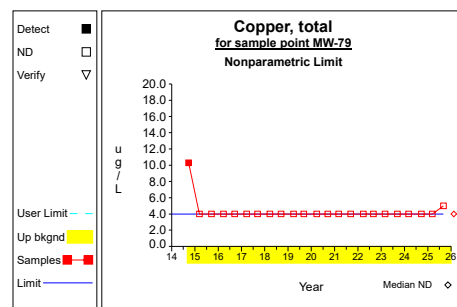
Graph 97



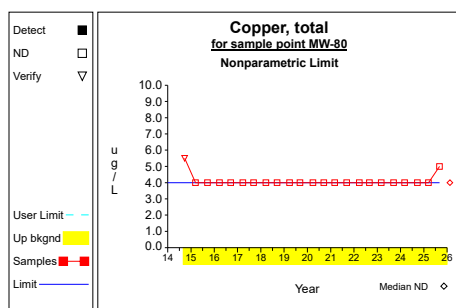
Graph 98



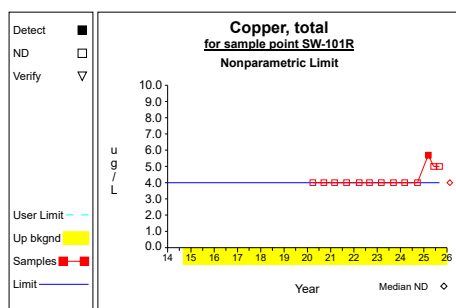
Graph 99



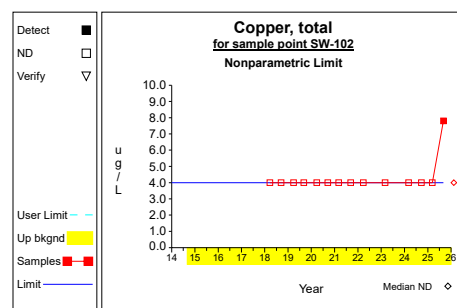
Graph 100



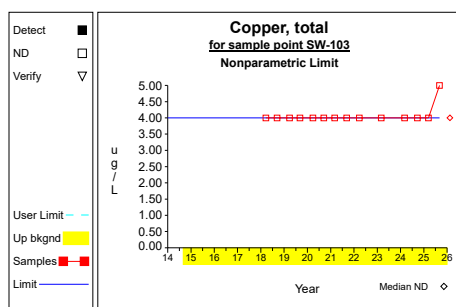
Graph 101



Graph 102

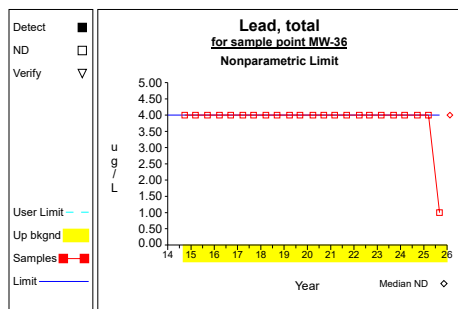


Graph 103

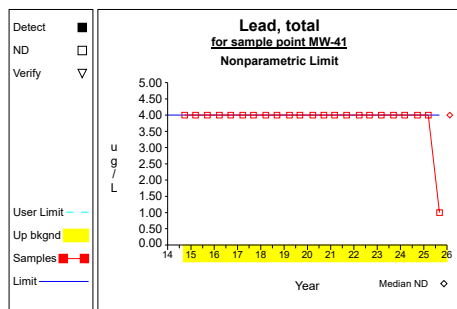


Graph 104

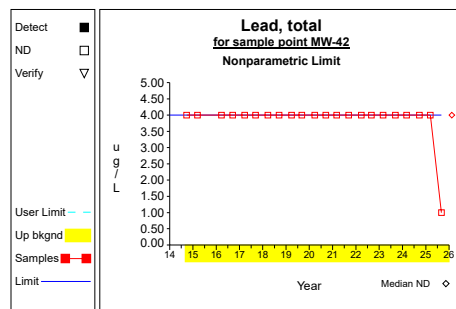
# Up vs. Down Prediction Limits



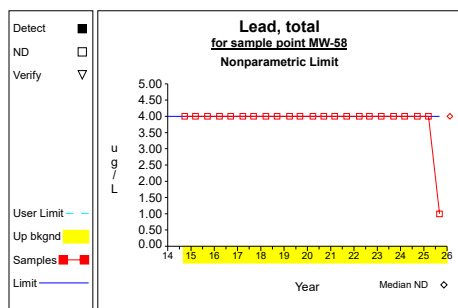
Graph 105



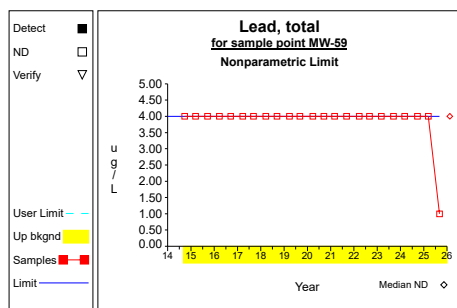
Graph 106



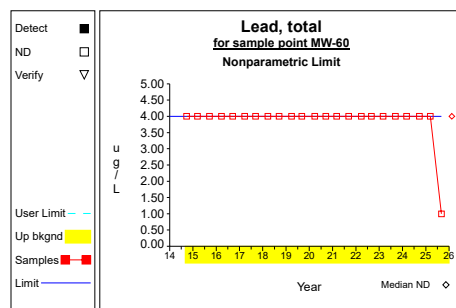
Graph 107



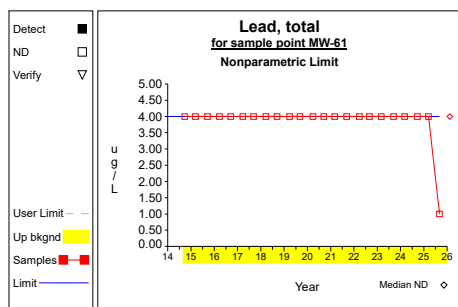
Graph 108



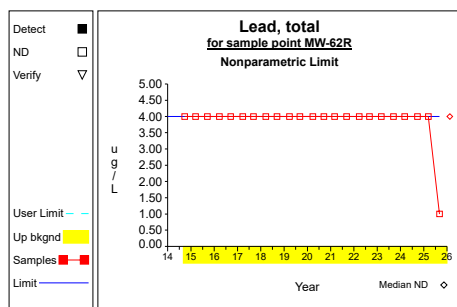
Graph 109



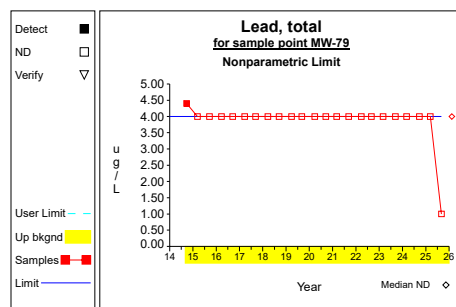
Graph 110



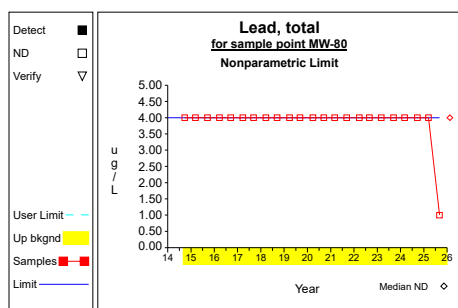
Graph 111



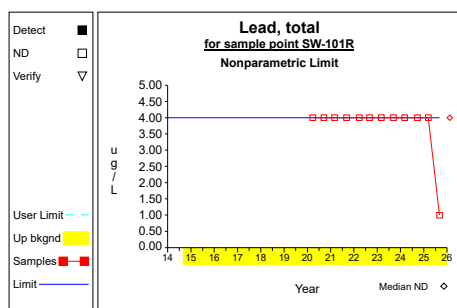
Graph 112



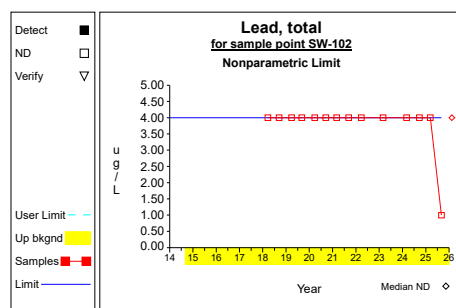
Graph 113



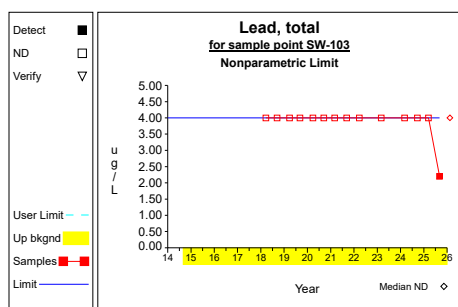
Graph 114



Graph 115

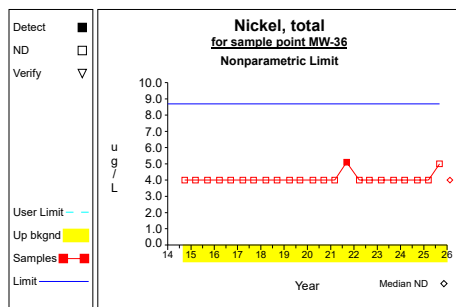


Graph 116

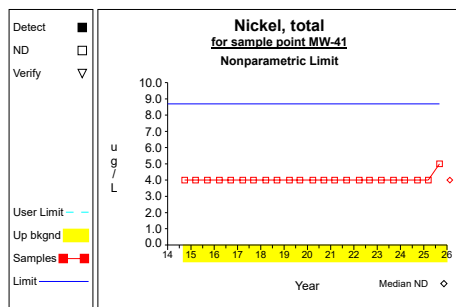


Graph 117

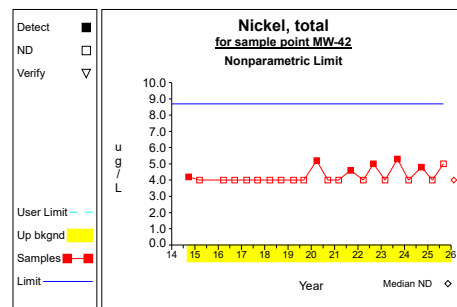
# Up vs. Down Prediction Limits



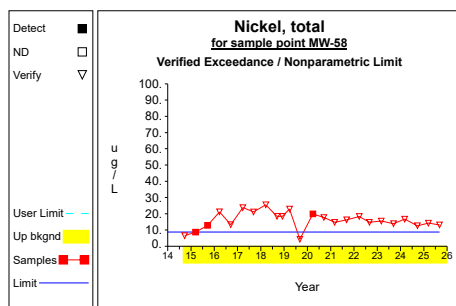
Graph 118



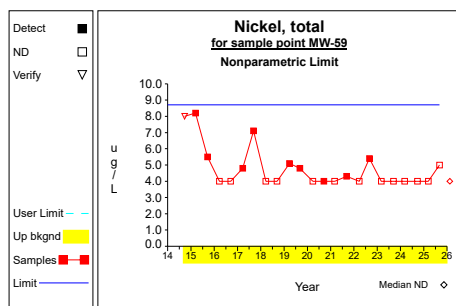
Graph 119



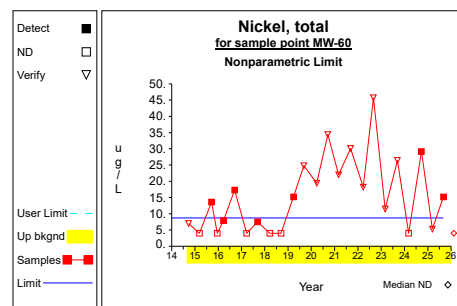
Graph 120



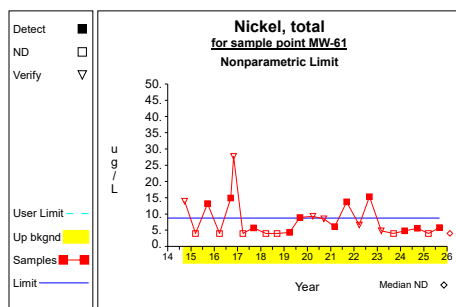
Graph 121



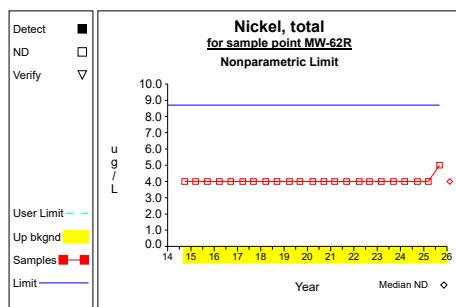
Graph 122



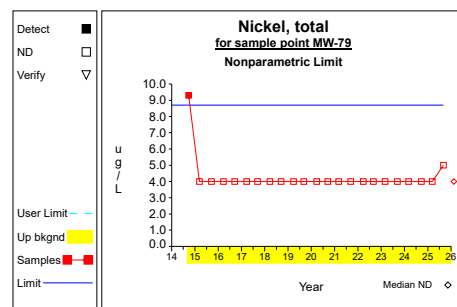
Graph 123



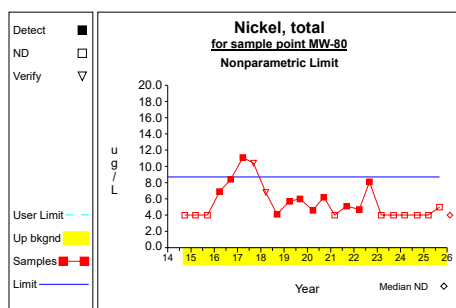
Graph 124



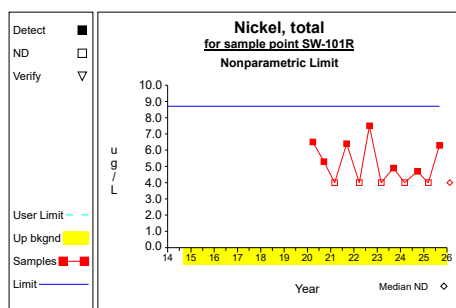
Graph 125



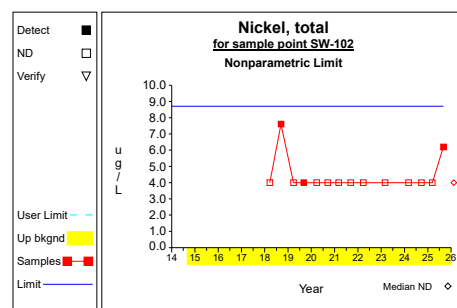
Graph 126



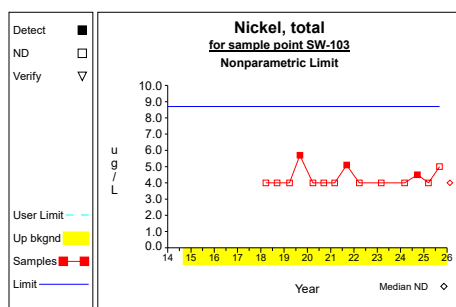
Graph 127



Graph 128



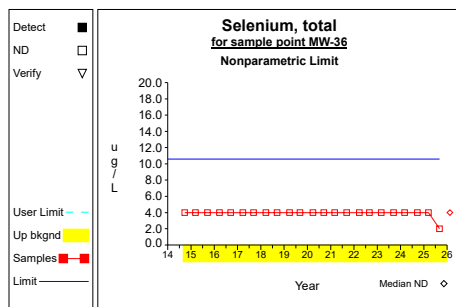
Graph 129



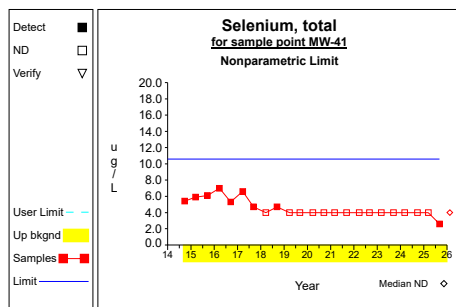
Graph 130



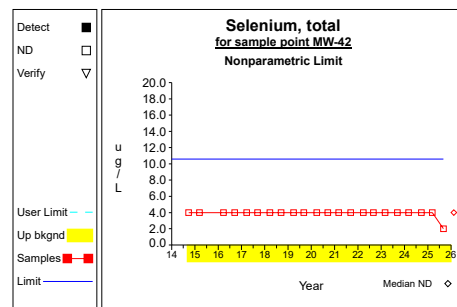
# Up vs. Down Prediction Limits



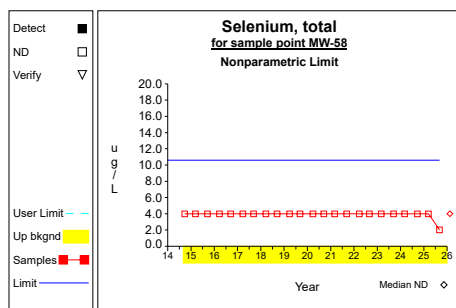
Graph 131



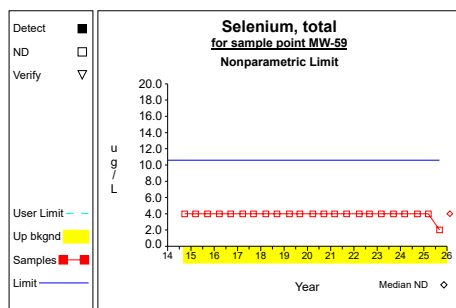
Graph 132



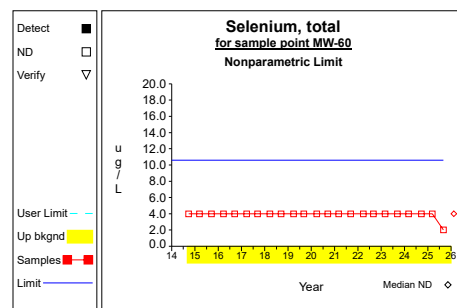
Graph 133



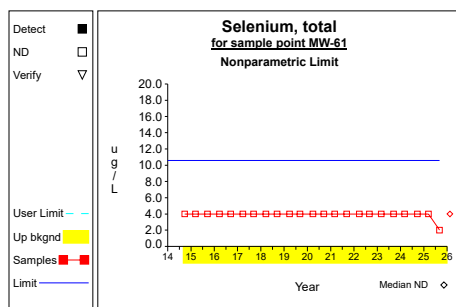
Graph 134



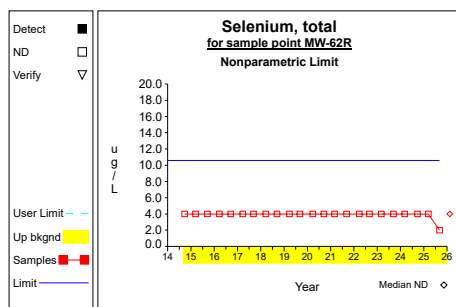
Graph 135



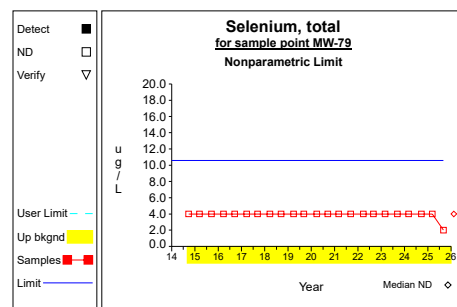
Graph 136



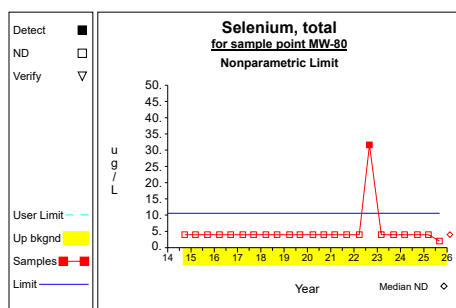
Graph 137



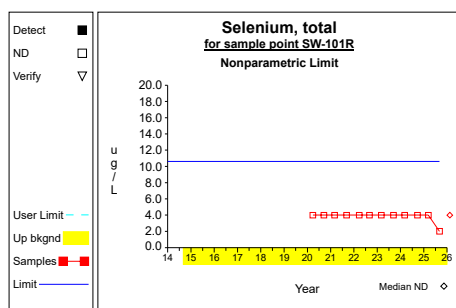
Graph 138



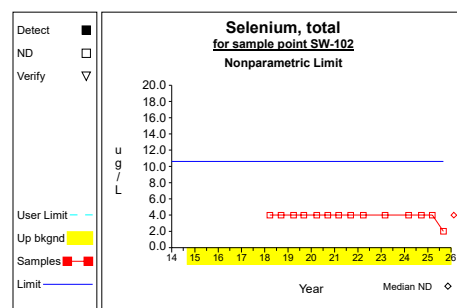
Graph 139



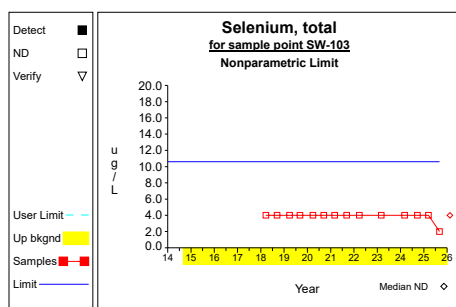
Graph 140



Graph 141

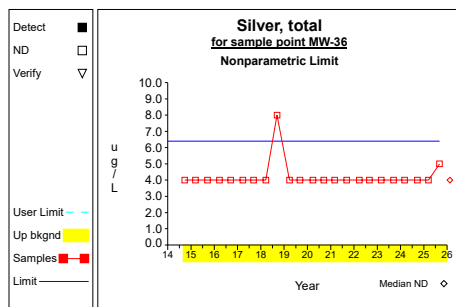


Graph 142

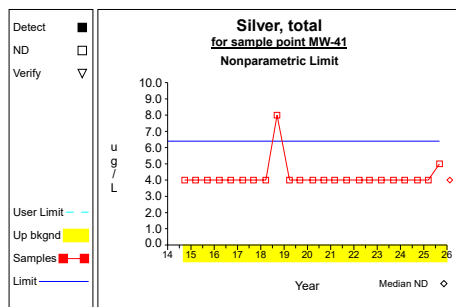


Graph 143

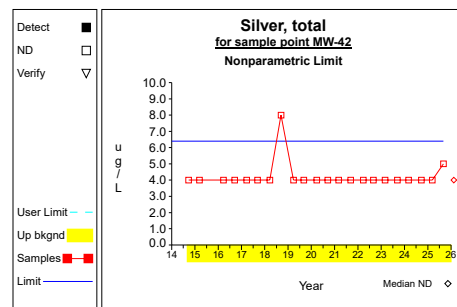
# Up vs. Down Prediction Limits



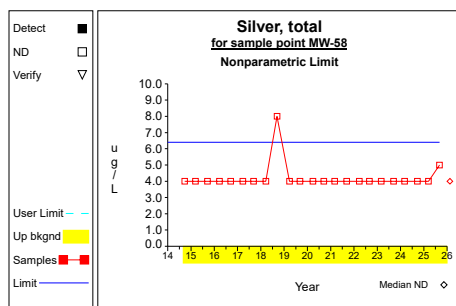
Graph 144



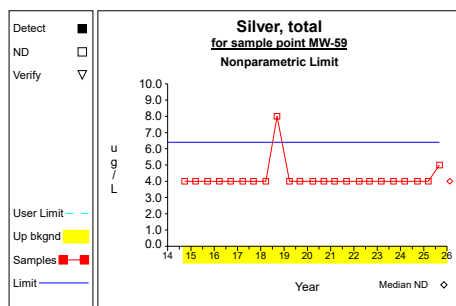
Graph 145



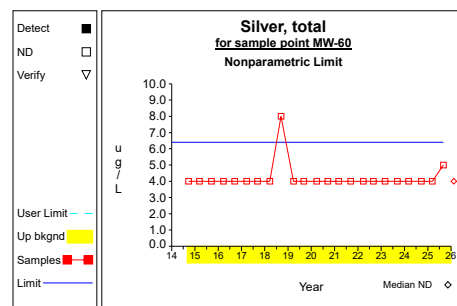
Graph 146



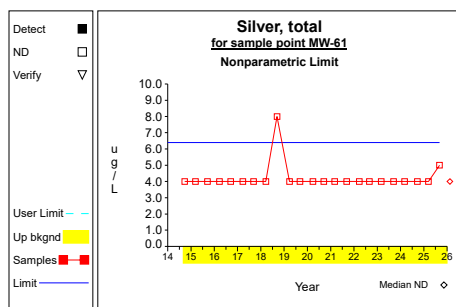
Graph 147



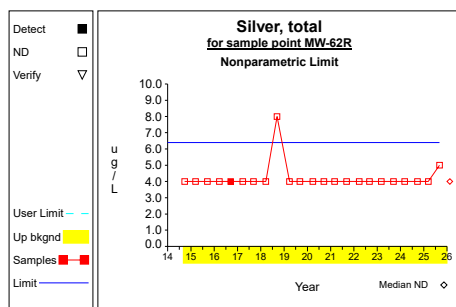
Graph 148



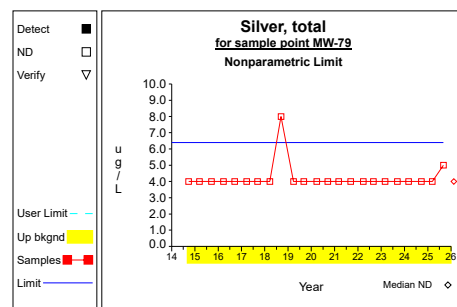
Graph 149



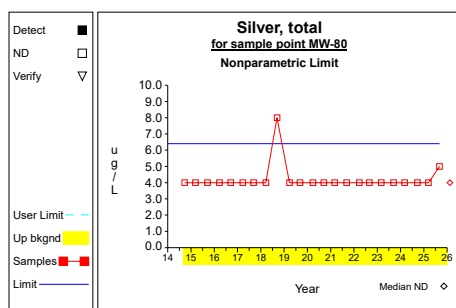
Graph 150



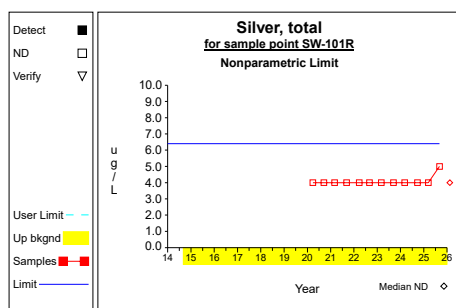
Graph 151



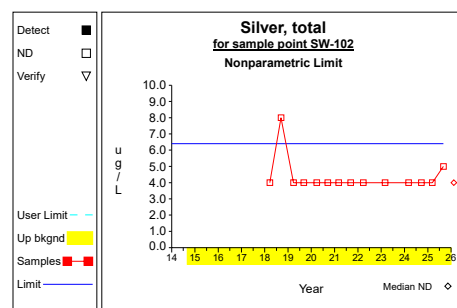
Graph 152



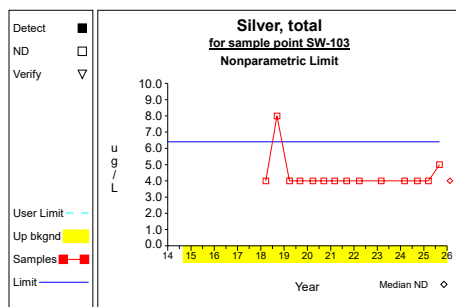
Graph 153



Graph 154

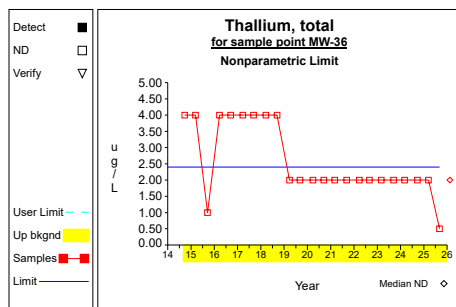


Graph 155

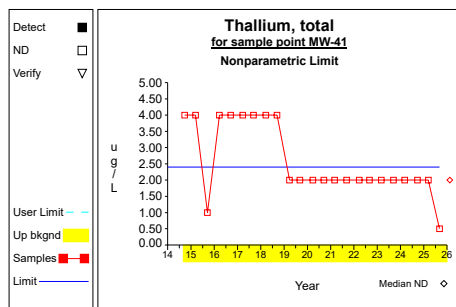


Graph 156

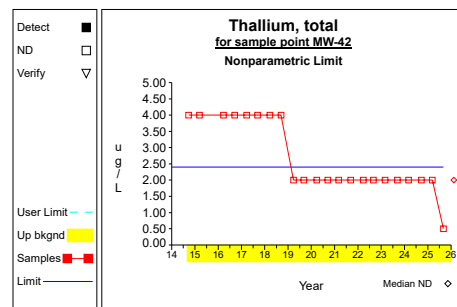
# Up vs. Down Prediction Limits



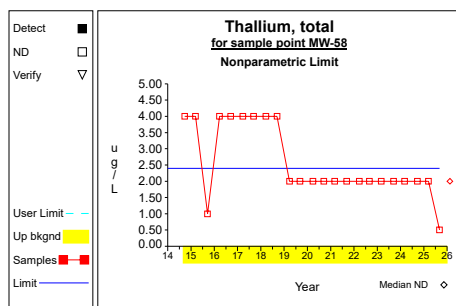
Graph 157



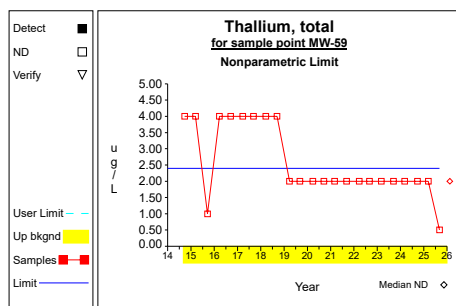
Graph 158



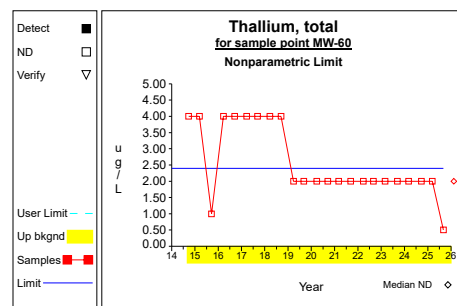
Graph 159



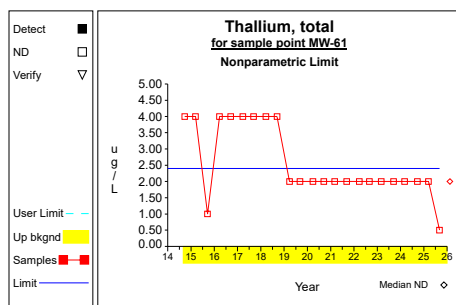
Graph 160



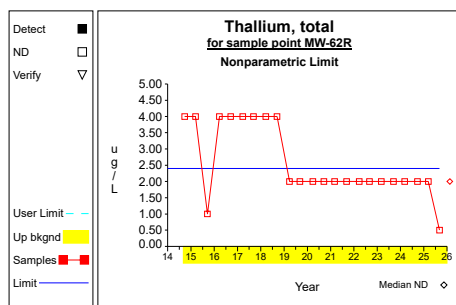
Graph 161



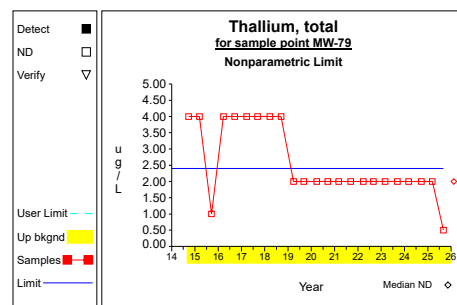
Graph 162



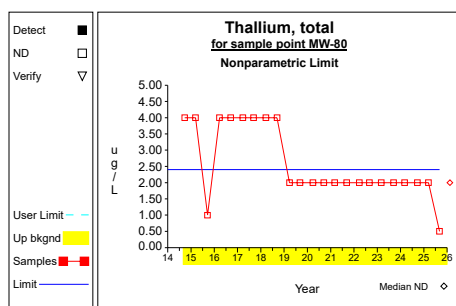
Graph 163



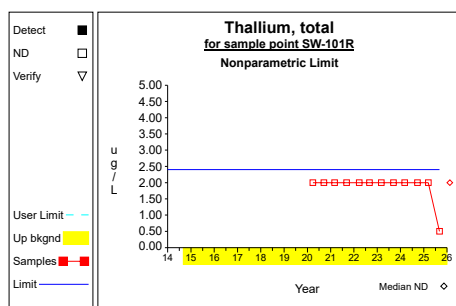
Graph 164



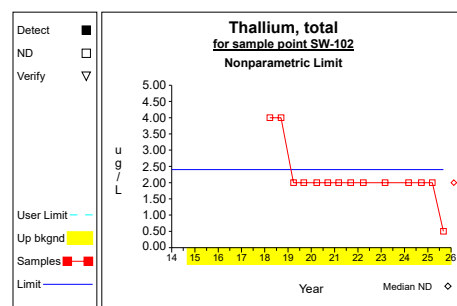
Graph 165



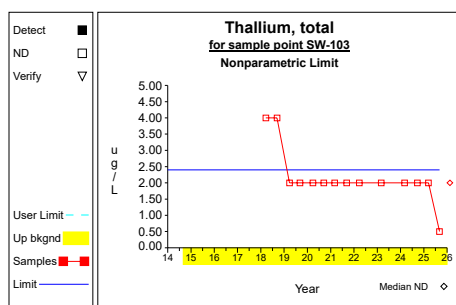
Graph 166



Graph 167

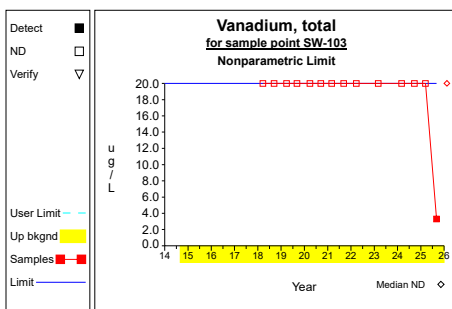
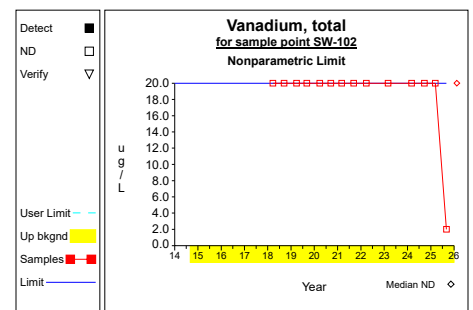
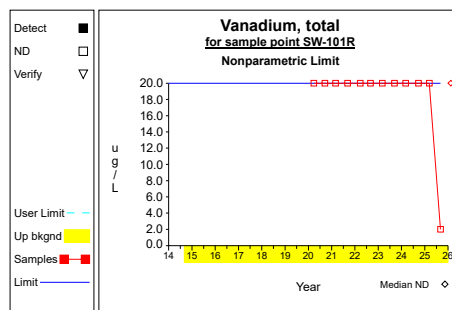
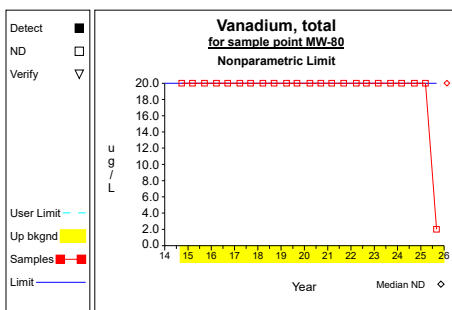
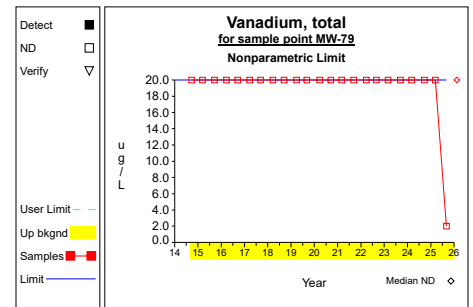
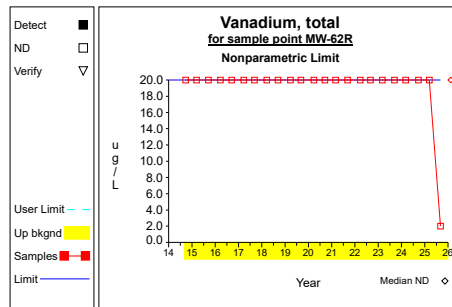
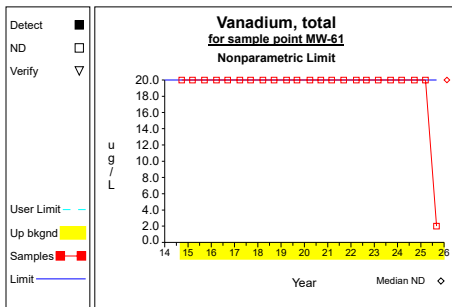
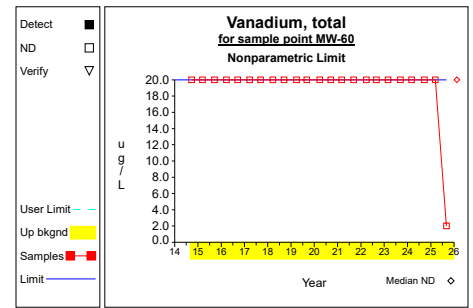
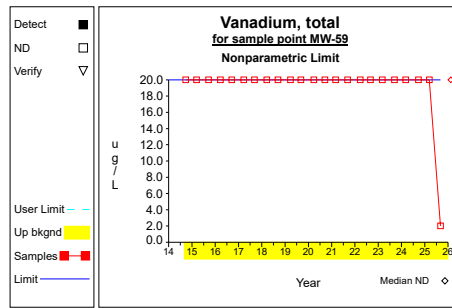
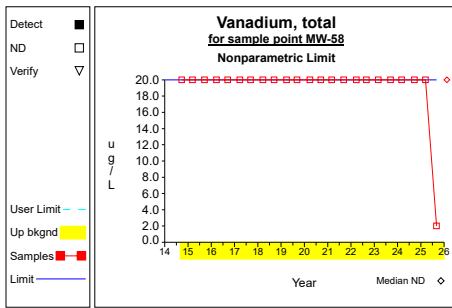
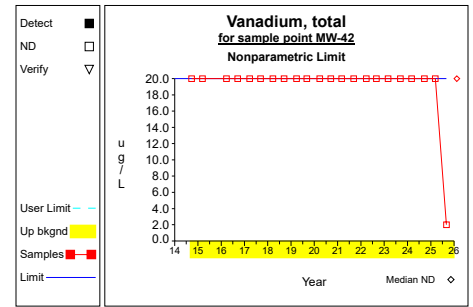
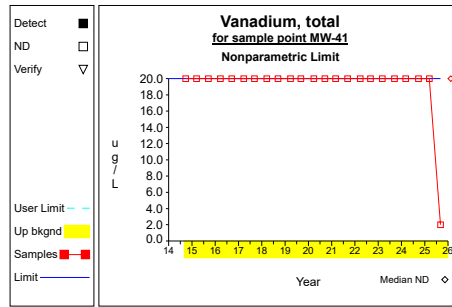
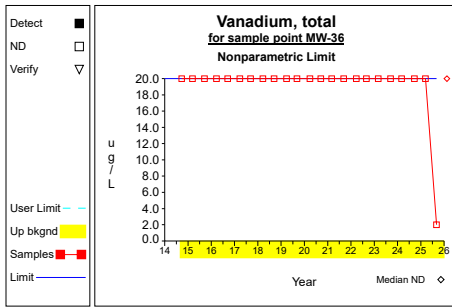


Graph 168

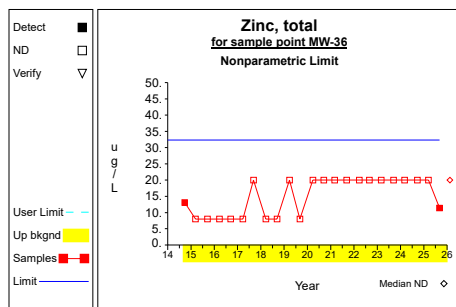


Graph 169

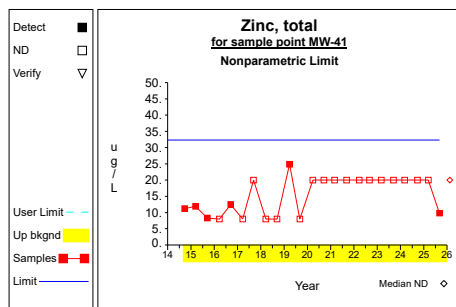
# Up vs. Down Prediction Limits



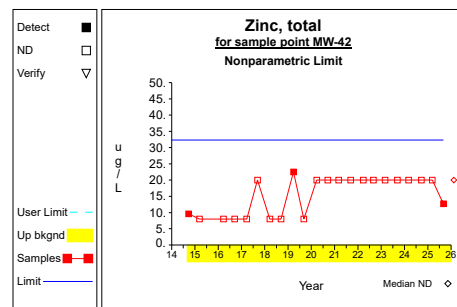
# Up vs. Down Prediction Limits



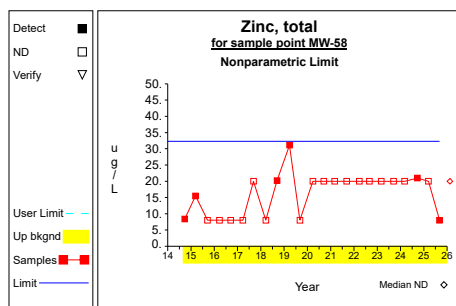
Graph 183



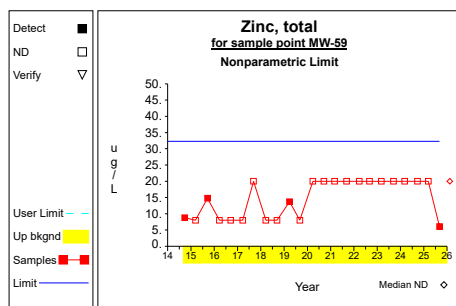
Graph 184



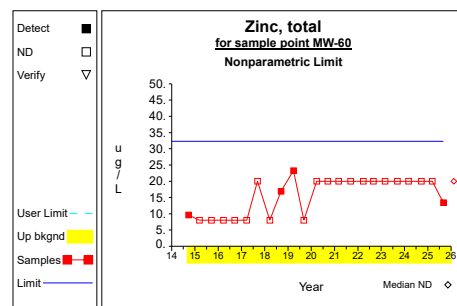
Graph 185



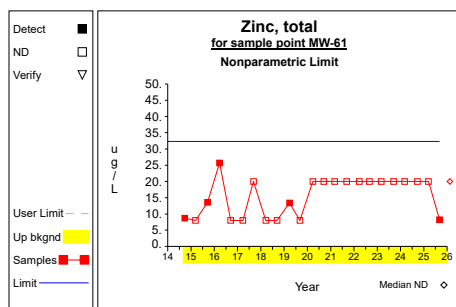
Graph 186



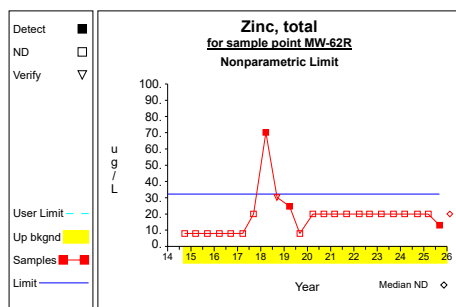
Graph 187



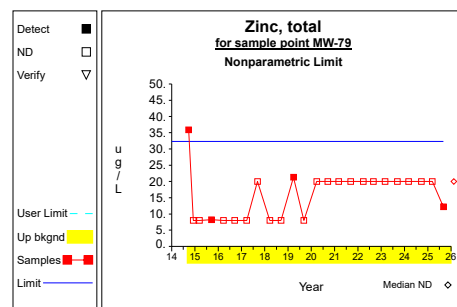
Graph 188



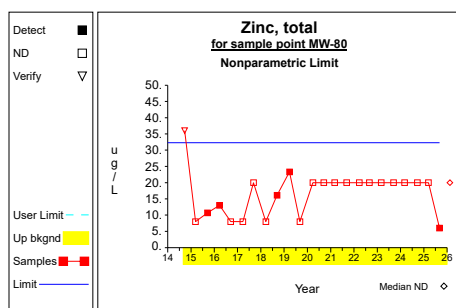
Graph 189



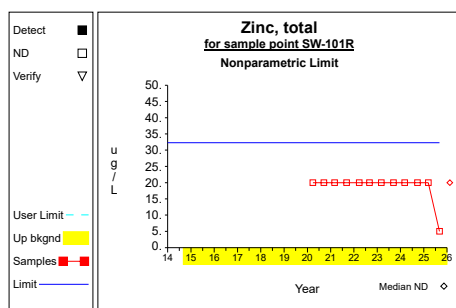
Graph 190



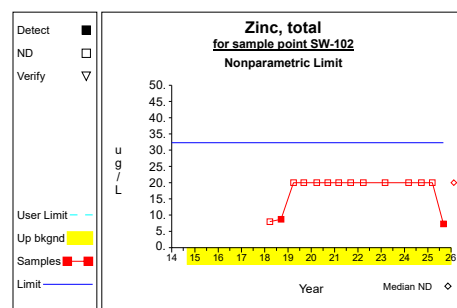
Graph 191



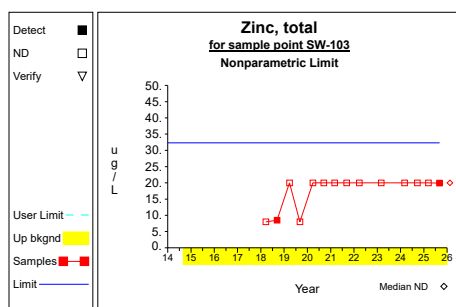
Graph 192



Graph 193

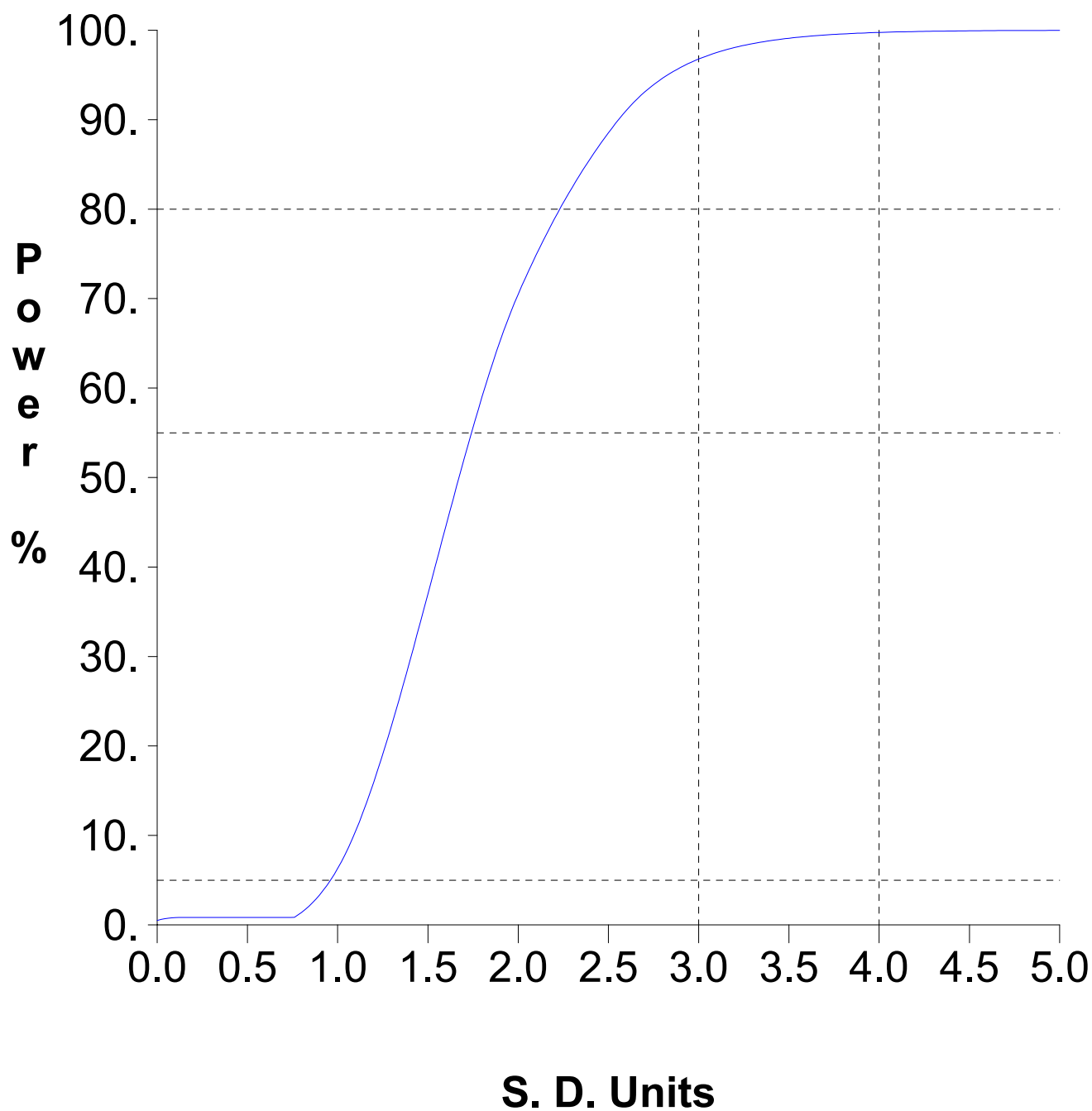


Graph 194



Graph 195

## False Positive and False Negative Rates for Current Upgradient vs. Downgradient Monitoring Program



**Attachment C**

**95% LCLs for Trace Metal Exceedances**

Table 1

**Confidence Intervals for Comparing the Mean of the Last  
4 Measurements to an Assessment Monitoring Standard**

| Constituent    | Units | Well    | N | Mean     | SD     | Factor | 95% LCL | 95% UCL  | Standard | Trend |
|----------------|-------|---------|---|----------|--------|--------|---------|----------|----------|-------|
| Arsenic, total | ug/L  | MW-42   | 4 | 2.000    | 0.000  | 1.176  | 2.000   | 2.000    | 10.000   |       |
| Arsenic, total | ug/L  | MW-58   | 4 | 2.000    | 0.000  | 1.176  | 2.000   | 2.000    | 10.000   |       |
| Arsenic, total | ug/L  | MW-59   | 4 | 2.000    | 0.000  | 1.176  | 2.000   | 2.000    | 10.000   |       |
| Arsenic, total | ug/L  | MW-60   | 4 | 2.000    | 0.000  | 1.176  | 2.000   | 2.000    | 10.000   |       |
| Arsenic, total | ug/L  | MW-61   | 4 | 2.000    | 0.000  | 1.176  | 2.000   | 2.000    | 10.000   |       |
| Arsenic, total | ug/L  | MW-62R  | 4 | 2.000    | 0.000  | 1.176  | 2.000   | 2.000    | 10.000   |       |
| Arsenic, total | ug/L  | MW-80   | 4 | 2.650    | 1.300  | 1.176  | 1.121   | 4.179    | 10.000   |       |
| Arsenic, total | ug/L  | SW-101R | 4 | 3.175    | 1.387  | 1.176  | 1.544   | 4.806    | 10.000   |       |
| Arsenic, total | ug/L  | SW-102  | 4 | 2.600    | 1.134  | 1.176  | 1.266   | 3.934    | 10.000   |       |
| Barium, total  | ug/L  | MW-42   | 4 | 20.600   | 3.385  | 1.176  | 16.618  | 24.582   | 2000.000 | dec   |
| Barium, total  | ug/L  | MW-58   | 4 | 22.900   | 2.146  | 1.176  | 20.375  | 25.425   | 2000.000 | dec   |
| Barium, total  | ug/L  | MW-59   | 4 | 32.400   | 9.975  | 1.176  | 20.667  | 44.133   | 2000.000 |       |
| Barium, total  | ug/L  | MW-60   | 4 | 225.500  | 76.809 | 1.176  | 135.150 | 315.850  | 2000.000 |       |
| Barium, total  | ug/L  | MW-61   | 4 | 89.325   | 71.317 | 1.176  | 5.435   | 173.215  | 2000.000 |       |
| Barium, total  | ug/L  | MW-62R  | 4 | 1007.750 | 86.988 | 1.176  | 905.427 | 1110.073 | 2000.000 | inc   |
| Barium, total  | ug/L  | MW-80   | 4 | 128.250  | 6.397  | 1.176  | 120.726 | 135.774  | 2000.000 | dec   |
| Barium, total  | ug/L  | SW-101R | 4 | 232.000  | 7.303  | 1.176  | 223.410 | 240.590  | 2000.000 |       |
| Barium, total  | ug/L  | SW-102  | 4 | 163.000  | 24.900 | 1.176  | 133.711 | 192.289  | 2000.000 |       |
| Cobalt, total  | ug/L  | MW-42   | 4 | 0.775    | 0.568  | 1.176  | 0.107   | 1.443    | 2.100    |       |
| Cobalt, total  | ug/L  | MW-58   | 4 | 0.400    | 0.000  | 1.176  | 0.400   | 0.400    | 2.100    |       |
| Cobalt, total  | ug/L  | MW-59   | 4 | 0.400    | 0.000  | 1.176  | 0.400   | 0.400    | 2.100    |       |
| Cobalt, total  | ug/L  | MW-60   | 4 | 0.650    | 0.436  | 1.176  | 0.137   | 1.163    | 2.100    |       |
| Cobalt, total  | ug/L  | MW-61   | 4 | 0.400    | 0.000  | 1.176  | 0.400   | 0.400    | 2.100    |       |
| Cobalt, total  | ug/L  | MW-62R  | 4 | 0.400    | 0.000  | 1.176  | 0.400   | 0.400    | 2.100    |       |
| Cobalt, total  | ug/L  | MW-80   | 4 | 1.125    | 0.538  | 1.176  | 0.492   | 1.758    | 2.100    |       |
| Cobalt, total  | ug/L  | SW-101R | 4 | 3.050    | 1.277  | 1.176  | 1.548   | 4.552    | 2.100    |       |
| Cobalt, total  | ug/L  | SW-102  | 4 | 0.600    | 0.337  | 1.176  | 0.204   | 0.996    | 2.100    |       |
| Copper, total  | ug/L  | MW-42   | 4 | 2.000    | 0.000  | 1.176  | 2.000   | 2.000    | 1300.000 |       |
| Copper, total  | ug/L  | MW-58   | 4 | 2.000    | 0.000  | 1.176  | 2.000   | 2.000    | 1300.000 |       |
| Copper, total  | ug/L  | MW-59   | 4 | 3.175    | 2.350  | 1.176  | 0.411   | 5.939    | 1300.000 |       |
| Copper, total  | ug/L  | MW-60   | 4 | 2.625    | 1.250  | 1.176  | 1.155   | 4.095    | 1300.000 |       |
| Copper, total  | ug/L  | MW-61   | 4 | 3.875    | 2.250  | 1.176  | 1.228   | 6.522    | 1300.000 |       |
| Copper, total  | ug/L  | MW-62R  | 4 | 2.000    | 0.000  | 1.176  | 2.000   | 2.000    | 1300.000 |       |
| Copper, total  | ug/L  | MW-80   | 4 | 2.000    | 0.000  | 1.176  | 2.000   | 2.000    | 1300.000 |       |
| Copper, total  | ug/L  | SW-101R | 4 | 2.925    | 1.850  | 1.176  | 0.749   | 5.101    | 1300.000 |       |
| Copper, total  | ug/L  | SW-102  | 4 | 3.450    | 2.900  | 1.176  | 0.039   | 6.861    | 1300.000 |       |
| Nickel, total  | ug/L  | MW-42   | 4 | 2.700    | 1.400  | 1.176  | 1.053   | 4.347    | 100.000  |       |
| Nickel, total  | ug/L  | MW-58   | 4 | 14.150   | 1.827  | 1.176  | 12.001  | 16.299   | 100.000  |       |
| Nickel, total  | ug/L  | MW-59   | 4 | 2.000    | 0.000  | 1.176  | 2.000   | 2.000    | 100.000  | dec   |
| Nickel, total  | ug/L  | MW-60   | 4 | 12.925   | 12.214 | 1.176  | 0.000   | 27.292   | 100.000  |       |
| Nickel, total  | ug/L  | MW-61   | 4 | 4.550    | 1.754  | 1.176  | 2.487   | 6.613    | 100.000  | dec   |
| Nickel, total  | ug/L  | MW-62R  | 4 | 2.000    | 0.000  | 1.176  | 2.000   | 2.000    | 100.000  |       |
| Nickel, total  | ug/L  | MW-80   | 4 | 2.000    | 0.000  | 1.176  | 2.000   | 2.000    | 100.000  | dec   |
| Nickel, total  | ug/L  | SW-101R | 4 | 3.750    | 2.124  | 1.176  | 1.252   | 6.248    | 100.000  |       |
| Nickel, total  | ug/L  | SW-102  | 4 | 3.050    | 2.100  | 1.176  | 0.580   | 5.520    | 100.000  |       |

\* - Insufficient Data

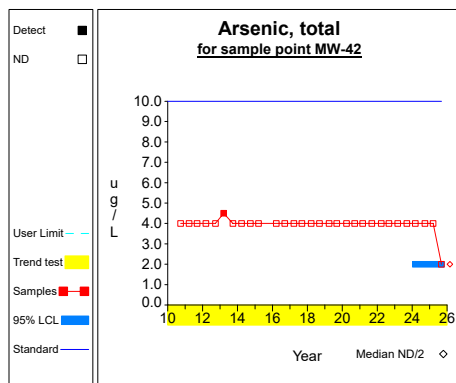
\*\* - Significant Exceedance

LCL = Lower Confidence Limit

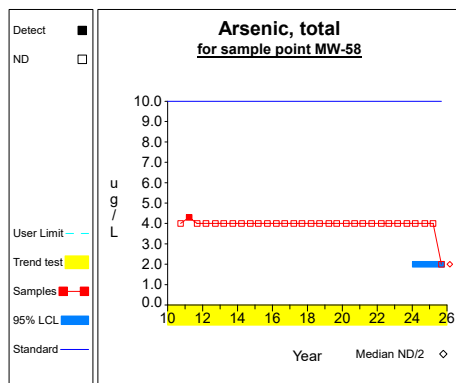
UCL = Upper Confidence Limit



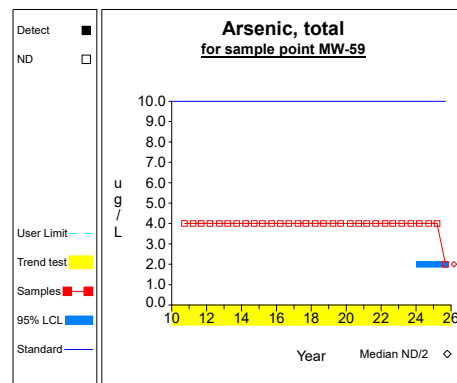
## Confidence Limits (Assessment)



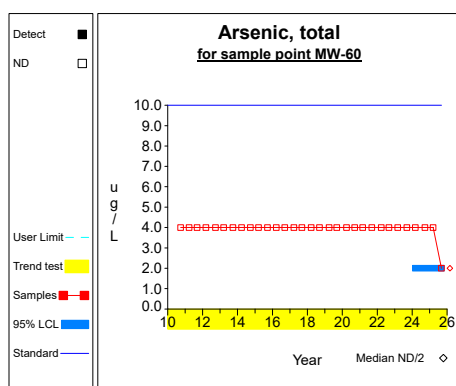
Graph 1



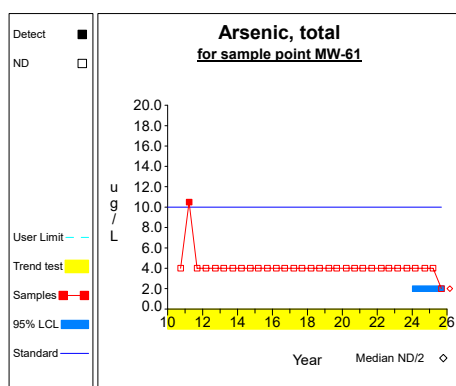
Graph 2



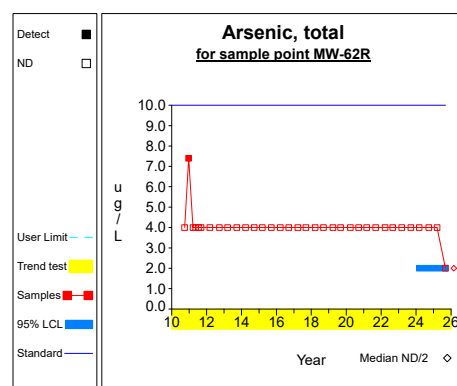
Graph 3



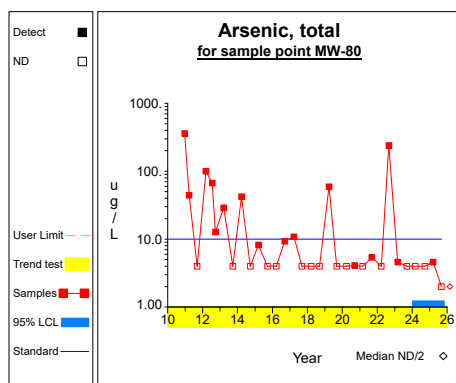
Graph 4



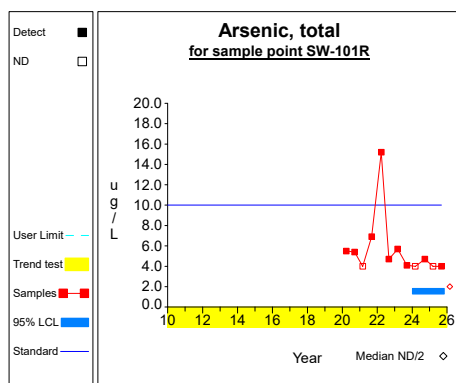
Graph 5



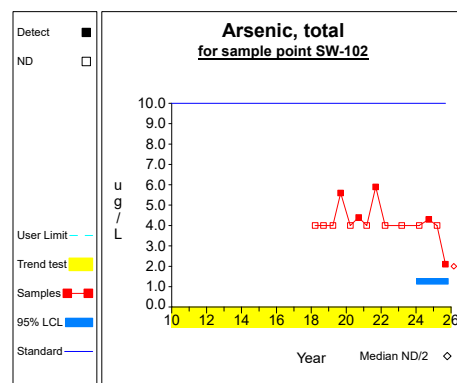
Graph 6



Graph 7

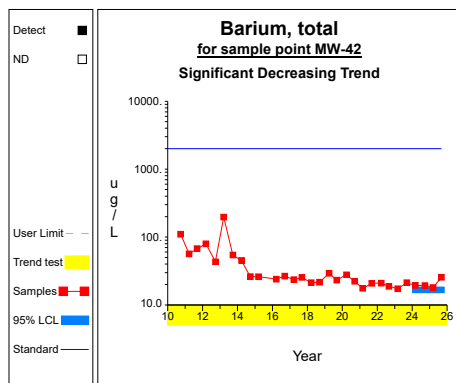


Graph 8

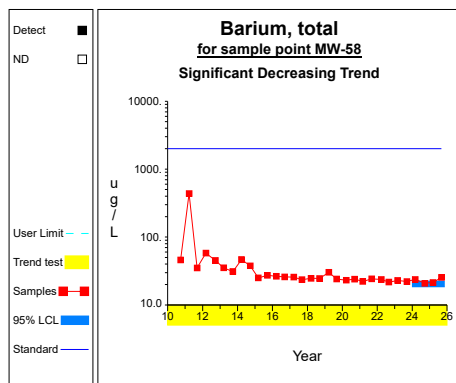


Graph 9

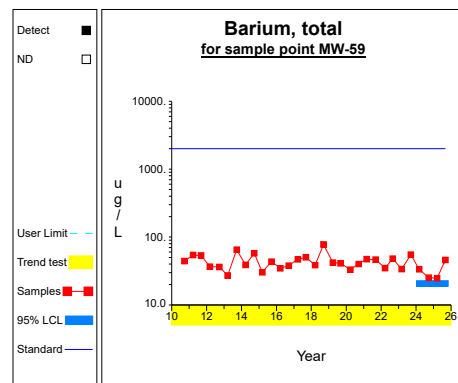
## Confidence Limits (Assessment)



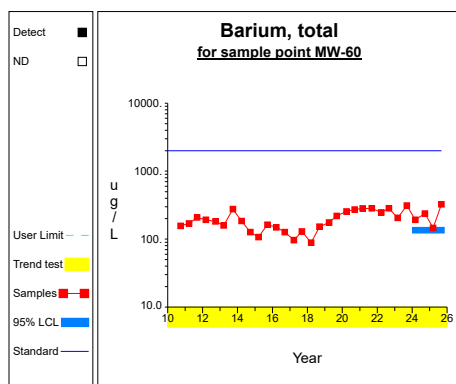
Graph 10



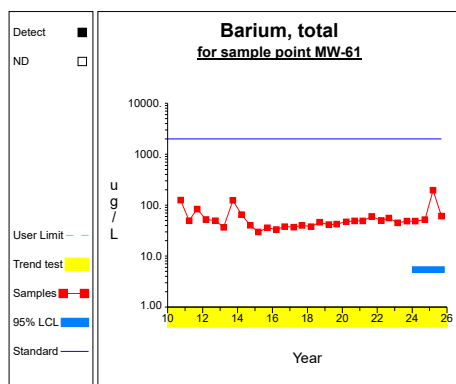
Graph 11



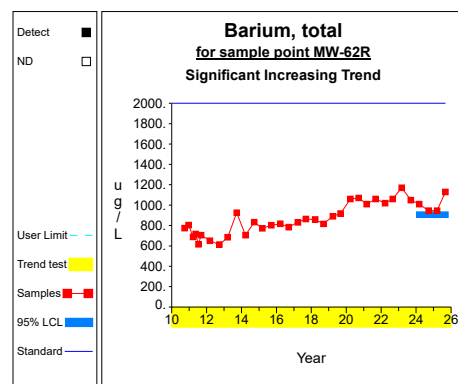
Graph 12



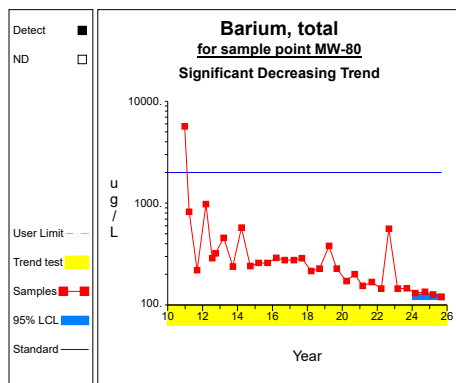
Graph 13



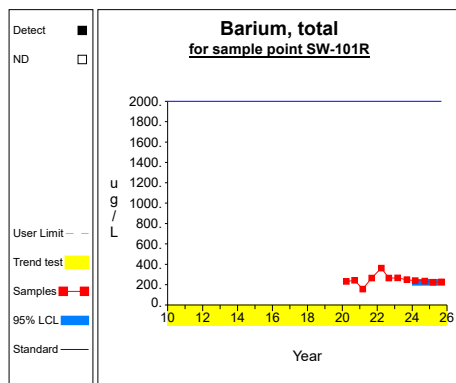
Graph 14



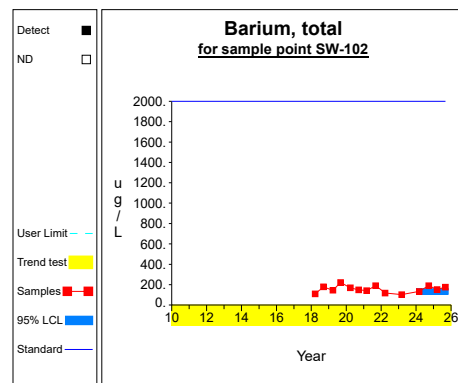
Graph 15



Graph 16

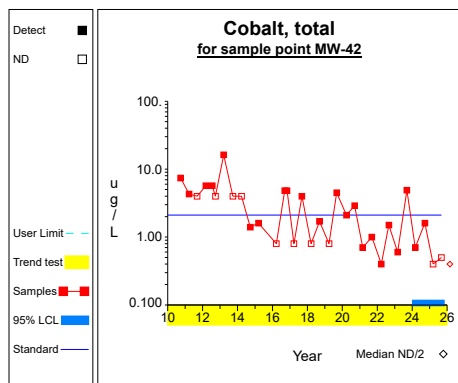


Graph 17

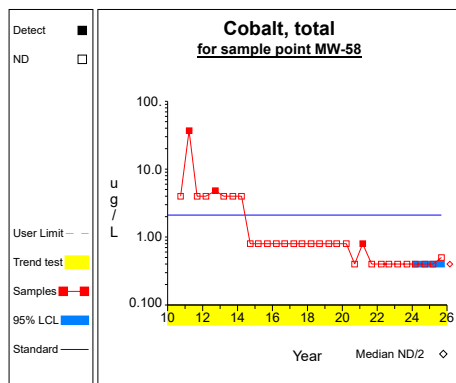


Graph 18

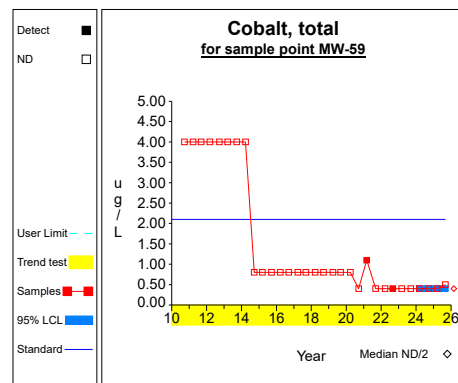
## Confidence Limits (Assessment)



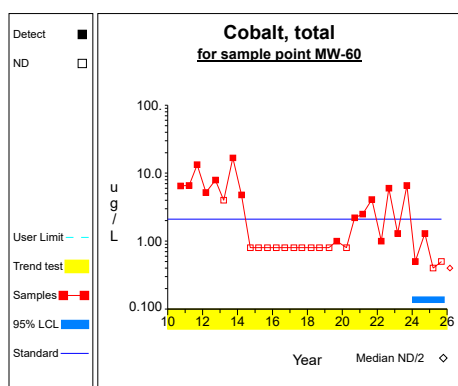
Graph 19



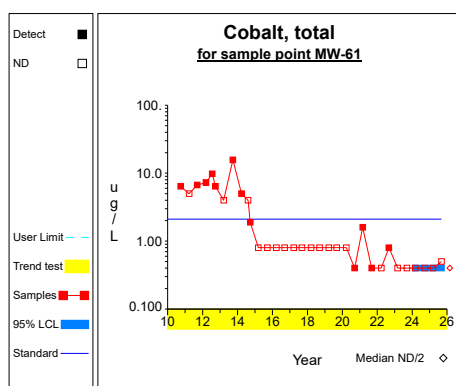
Graph 20



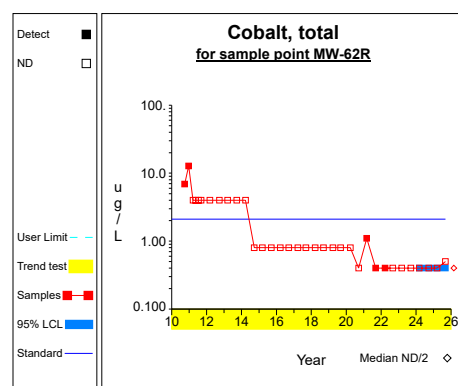
Graph 21



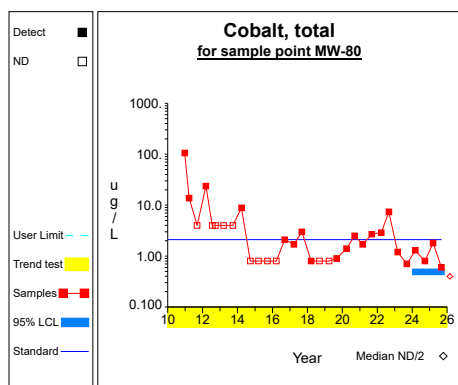
Graph 22



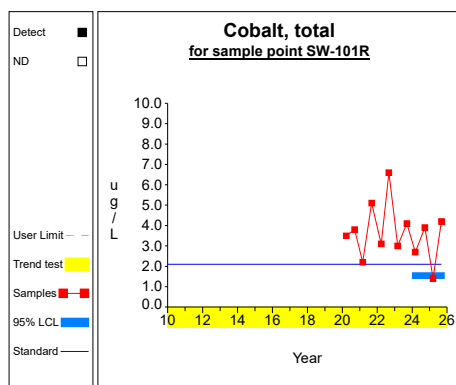
Graph 23



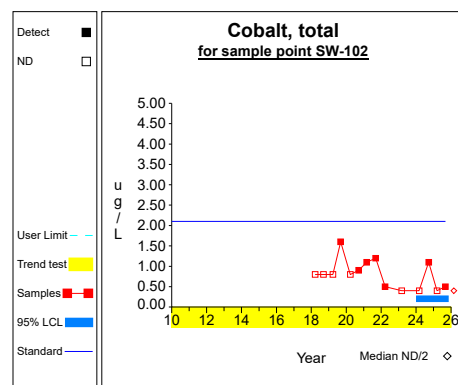
Graph 24



Graph 25

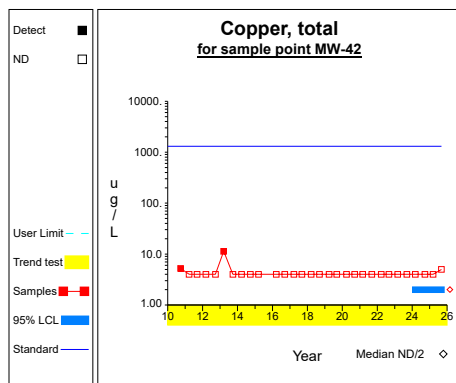


Graph 26

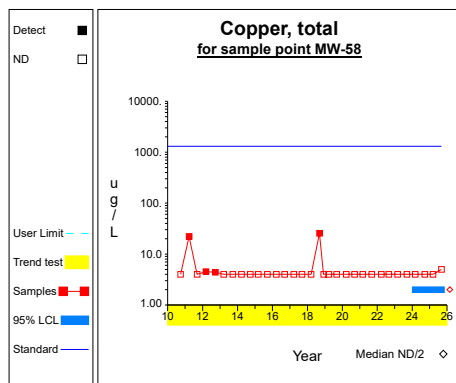


Graph 27

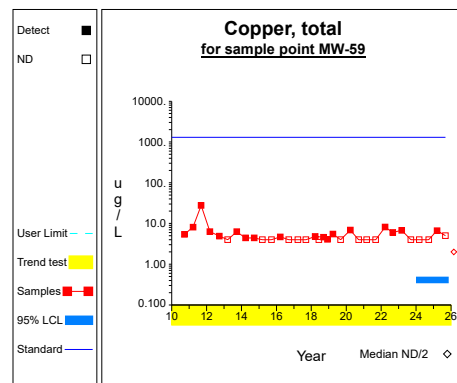
## Confidence Limits (Assessment)



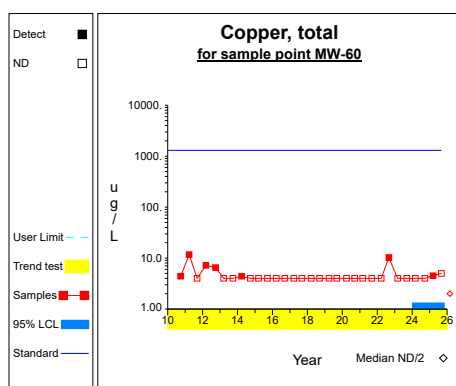
Graph 28



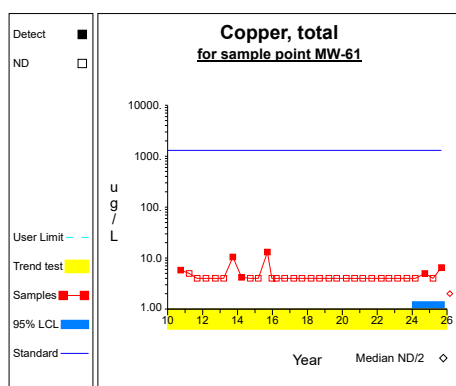
Graph 29



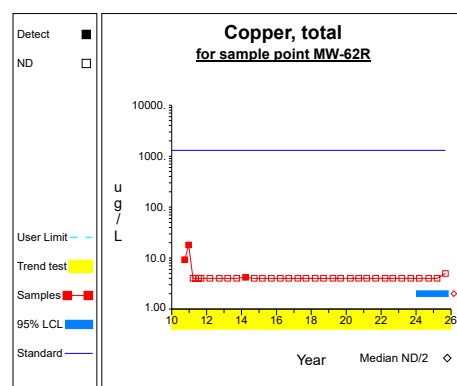
Graph 30



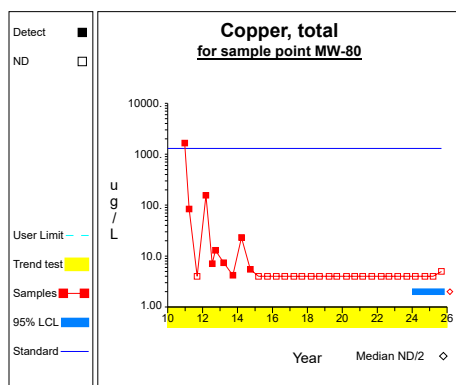
Graph 31



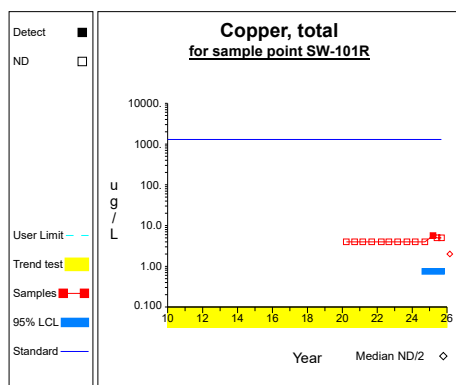
Graph 32



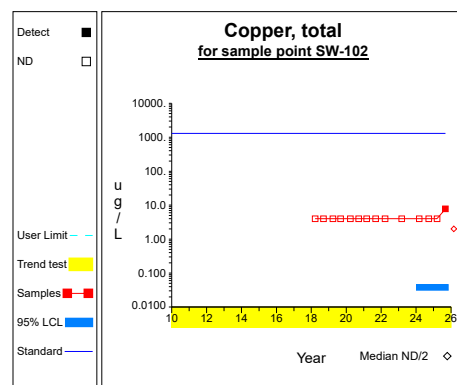
Graph 33



Graph 34

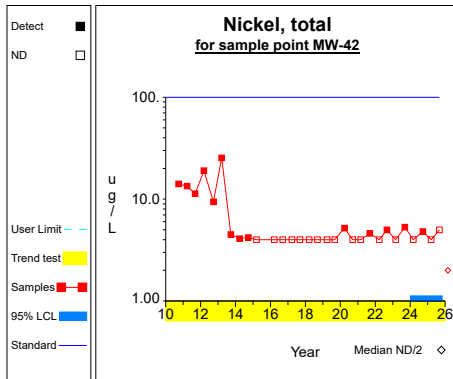


Graph 35

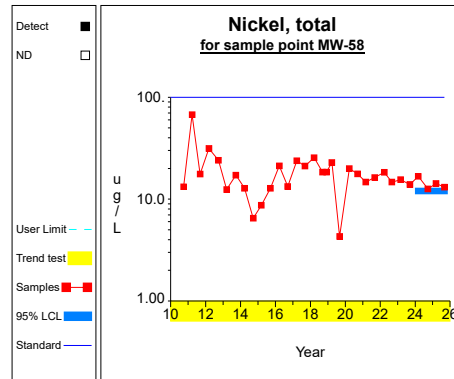


Graph 36

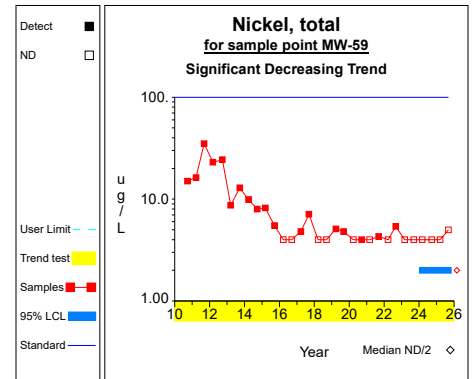
## Confidence Limits (Assessment)



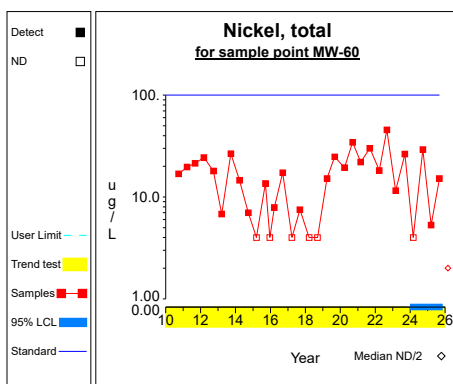
Graph 37



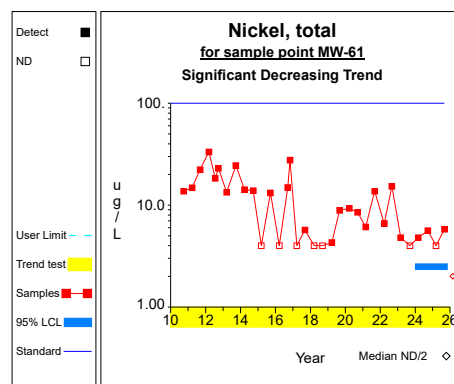
Graph 38



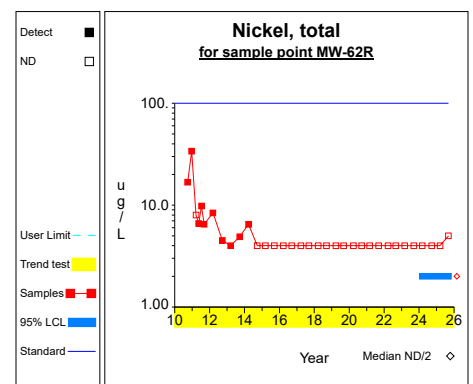
Graph 39



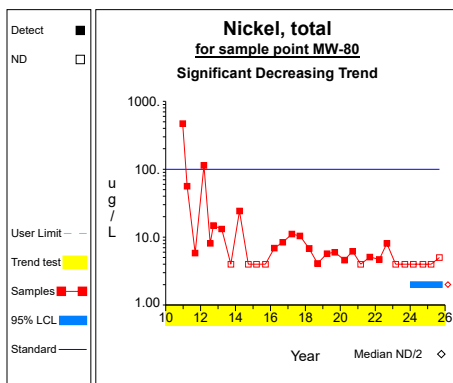
Graph 40



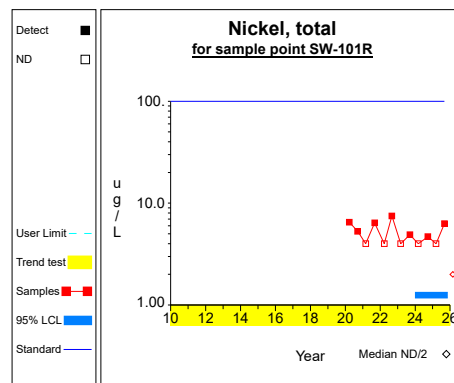
Graph 41



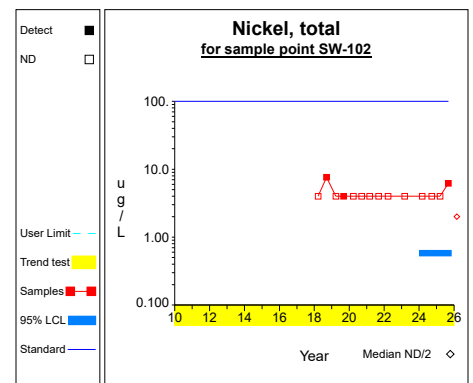
Graph 42



Graph 43



Graph 44



Graph 45

**Attachment D**

Summary Tables and Graphs for the Interwell Comparisons – Old Landfill

Table 1

## Upgradient Data

| Constituent     | Units | Well  | Date       |    | Result | Adjusted |    |
|-----------------|-------|-------|------------|----|--------|----------|----|
| Antimony, total | ug/L  | MW-39 | 09/24/2014 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 12/05/2014 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/11/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 06/16/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/17/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/22/2016 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/15/2016 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/23/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/08/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/19/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/11/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/26/2019 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/04/2019 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/26/2020 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/15/2020 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/02/2021 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/07/2021 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/24/2022 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 08/31/2022 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/02/2023 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/12/2023 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/04/2024 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/23/2024 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 03/12/2025 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-39 | 09/03/2025 | ND | 1.0000 | 2.0000   | ** |
| Antimony, total | ug/L  | MW-48 | 09/24/2014 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 12/05/2014 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/11/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 06/16/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/16/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/22/2016 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/14/2016 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/23/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/08/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/19/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/11/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/26/2019 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/04/2019 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/26/2020 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/15/2020 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/02/2021 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/07/2021 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/24/2022 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 08/31/2022 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/02/2023 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/12/2023 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/04/2024 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/23/2024 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 03/12/2025 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-48 | 09/03/2025 | ND | 1.0000 | 2.0000   | ** |
| Antimony, total | ug/L  | MW-78 | 09/24/2014 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 12/05/2014 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/11/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 06/16/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/16/2015 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/22/2016 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/15/2016 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/23/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/08/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/19/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/11/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/26/2019 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/04/2019 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/26/2020 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/15/2020 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/02/2021 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/07/2021 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/24/2022 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 08/31/2022 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/02/2023 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/12/2023 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/04/2024 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 09/23/2024 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | MW-78 | 03/12/2025 | ND | 2.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result | Adjusted |    |
|-----------------|-------|--------|------------|----|--------|----------|----|
| Antimony, total | ug/L  | MW-78  | 09/03/2025 | ND | 1.0000 | 2.0000   | ** |
| Antimony, total | ug/L  | SW-101 | 09/14/2016 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | SW-101 | 03/23/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | SW-101 | 09/08/2017 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | SW-101 | 03/19/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | SW-101 | 09/11/2018 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | SW-101 | 03/26/2019 | ND | 2.0000 |          |    |
| Antimony, total | ug/L  | SW-101 | 09/04/2019 | ND | 2.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/17/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/15/2016 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/26/2019 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/04/2019 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/26/2020 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/15/2020 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/02/2021 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/07/2021 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/24/2022 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 08/31/2022 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/02/2023 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/12/2023 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/04/2024 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/23/2024 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 03/12/2025 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-39  | 09/03/2025 | ND | 2.0000 | 4.0000   | ** |
| Arsenic, total  | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/26/2019 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/04/2019 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/26/2020 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/15/2020 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/02/2021 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/07/2021 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/24/2022 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 08/31/2022 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/02/2023 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/12/2023 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/04/2024 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/23/2024 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 03/12/2025 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-48  | 09/03/2025 | ND | 2.0000 | 4.0000   | ** |
| Arsenic, total  | ug/L  | MW-78  | 09/24/2014 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 12/05/2014 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 03/11/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 06/16/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 09/16/2015 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 03/22/2016 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 09/15/2016 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 03/23/2017 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 09/08/2017 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 03/19/2018 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 09/11/2018 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 03/26/2019 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 09/04/2019 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 03/26/2020 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 09/15/2020 | ND | 4.0000 |          |    |
| Arsenic, total  | ug/L  | MW-78  | 03/02/2021 | ND | 4.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.



Table 1

## Upgradient Data

| Constituent    | Units | Well   | Date       |    | Result   | Adjusted |    |
|----------------|-------|--------|------------|----|----------|----------|----|
| Arsenic, total | ug/L  | MW-78  | 09/07/2021 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 03/24/2022 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 08/31/2022 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 03/02/2023 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 09/12/2023 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 03/04/2024 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 09/23/2024 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 03/12/2025 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | MW-78  | 09/03/2025 | ND | 2.0000   | 4.0000   | ** |
| Arsenic, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | SW-101 | 03/19/2018 |    | 4.4000   |          |    |
| Arsenic, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000   |          |    |
| Arsenic, total | ug/L  | SW-101 | 09/04/2019 |    | 7.3000   |          |    |
| Barium, total  | ug/L  | MW-39  | 09/24/2014 |    | 60.6000  |          |    |
| Barium, total  | ug/L  | MW-39  | 12/05/2014 |    | 139.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/11/2015 |    | 136.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 06/16/2015 |    | 148.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/17/2015 |    | 128.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/22/2016 |    | 123.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/15/2016 |    | 103.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/23/2017 |    | 129.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/08/2017 |    | 117.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/19/2018 |    | 131.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/11/2018 |    | 114.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/26/2019 |    | 121.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/04/2019 |    | 138.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/26/2020 |    | 150.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/15/2020 |    | 136.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/02/2021 |    | 125.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/07/2021 |    | 141.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/24/2022 |    | 137.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 08/31/2022 |    | 132.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/02/2023 |    | 134.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/12/2023 |    | 133.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/04/2024 |    | 128.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/23/2024 |    | 119.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 03/12/2025 |    | 135.0000 |          |    |
| Barium, total  | ug/L  | MW-39  | 09/03/2025 |    | 131.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/24/2014 |    | 181.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 12/05/2014 |    | 168.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/11/2015 |    | 143.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 06/16/2015 |    | 161.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/16/2015 |    | 150.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/22/2016 |    | 153.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/14/2016 |    | 140.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/23/2017 |    | 146.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/08/2017 |    | 171.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/19/2018 |    | 145.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/11/2018 |    | 151.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/26/2019 |    | 153.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/04/2019 |    | 160.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/26/2020 |    | 156.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/15/2020 |    | 152.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/02/2021 |    | 159.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/07/2021 |    | 149.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/24/2022 |    | 143.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 08/31/2022 |    | 157.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/02/2023 |    | 149.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/12/2023 |    | 168.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/04/2024 |    | 149.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/23/2024 |    | 148.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 03/12/2025 |    | 153.0000 |          |    |
| Barium, total  | ug/L  | MW-48  | 09/03/2025 |    | 168.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 09/24/2014 |    | 304.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 12/05/2014 |    | 291.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 03/11/2015 |    | 304.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 06/16/2015 |    | 329.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 09/16/2015 |    | 298.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 03/22/2016 |    | 309.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 09/15/2016 |    | 311.0000 |          |    |
| Barium, total  | ug/L  | MW-78  | 03/23/2017 |    | 307.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent      | Units | Well   | Date       |    | Result   | Adjusted |   |
|------------------|-------|--------|------------|----|----------|----------|---|
| Barium, total    | ug/L  | MW-78  | 09/08/2017 |    | 357.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/19/2018 |    | 320.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 09/11/2018 |    | 295.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/26/2019 |    | 285.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 09/04/2019 |    | 332.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/26/2020 |    | 304.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 09/15/2020 |    | 319.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/02/2021 |    | 304.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 09/07/2021 |    | 332.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/24/2022 |    | 291.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 08/31/2022 |    | 340.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/02/2023 |    | 345.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 09/12/2023 |    | 309.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/04/2024 |    | 341.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 09/23/2024 |    | 284.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 03/12/2025 |    | 283.0000 |          |   |
| Barium, total    | ug/L  | MW-78  | 09/03/2025 |    | 301.0000 |          |   |
| Barium, total    | ug/L  | SW-101 | 09/14/2016 |    | 188.0000 |          |   |
| Barium, total    | ug/L  | SW-101 | 03/23/2017 |    | 233.0000 |          |   |
| Barium, total    | ug/L  | SW-101 | 09/08/2017 |    | 272.0000 |          |   |
| Barium, total    | ug/L  | SW-101 | 03/19/2018 |    | 162.0000 |          |   |
| Barium, total    | ug/L  | SW-101 | 09/11/2018 |    | 127.0000 |          |   |
| Barium, total    | ug/L  | SW-101 | 03/26/2019 |    | 160.0000 |          |   |
| Barium, total    | ug/L  | SW-101 | 09/04/2019 |    | 256.0000 |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/17/2015 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/15/2016 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/26/2019 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/04/2019 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/26/2020 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/15/2020 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/02/2021 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/07/2021 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/24/2022 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 08/31/2022 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/02/2023 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/12/2023 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/04/2024 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/23/2024 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 03/12/2025 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-39  | 09/03/2025 | ND | 0.5000   |          | * |
| Beryllium, total | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/26/2019 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/04/2019 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/26/2020 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/15/2020 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/02/2021 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/07/2021 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/24/2022 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 08/31/2022 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/02/2023 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/12/2023 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/04/2024 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/23/2024 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 03/12/2025 | ND | 4.0000   |          |   |
| Beryllium, total | ug/L  | MW-48  | 09/03/2025 | ND | 0.5000   |          | * |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

| Constituent      | Units | Well   | Date       |    | Result | Adjusted |   |
|------------------|-------|--------|------------|----|--------|----------|---|
| Beryllium, total | ug/L  | MW-78  | 09/24/2014 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 12/05/2014 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/11/2015 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 06/16/2015 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/16/2015 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/22/2016 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/15/2016 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/23/2017 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/08/2017 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/19/2018 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/11/2018 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/26/2019 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/04/2019 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/26/2020 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/15/2020 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/02/2021 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/07/2021 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/24/2022 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 08/31/2022 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/02/2023 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/12/2023 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/04/2024 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/23/2024 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 03/12/2025 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | MW-78  | 09/03/2025 | ND | 0.5000 |          | * |
| Beryllium, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000 |          |   |
| Beryllium, total | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/24/2014 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 12/05/2014 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/11/2015 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 06/16/2015 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/17/2015 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/22/2016 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/15/2016 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/23/2017 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/08/2017 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/19/2018 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/11/2018 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/26/2019 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/04/2019 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/26/2020 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/15/2020 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/02/2021 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/07/2021 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/24/2022 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 08/31/2022 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/02/2023 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/12/2023 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/04/2024 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/23/2024 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 03/12/2025 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-39  | 09/03/2025 | ND | 0.2000 |          | * |
| Cadmium, total   | ug/L  | MW-48  | 09/24/2014 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 12/05/2014 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 03/11/2015 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 06/16/2015 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 09/16/2015 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 03/22/2016 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 09/14/2016 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 03/23/2017 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 09/08/2017 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 03/19/2018 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 09/11/2018 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 03/26/2019 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 09/04/2019 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 03/26/2020 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 09/15/2020 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 03/02/2021 | ND | 0.8000 |          |   |
| Cadmium, total   | ug/L  | MW-48  | 09/07/2021 | ND | 0.8000 |          |   |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result | Adjusted |   |
|-----------------|-------|--------|------------|----|--------|----------|---|
| Cadmium, total  | ug/L  | MW-48  | 03/24/2022 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-48  | 08/31/2022 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-48  | 03/02/2023 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-48  | 09/12/2023 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-48  | 03/04/2024 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-48  | 09/23/2024 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-48  | 03/12/2025 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-48  | 09/03/2025 | ND | 0.2000 |          | * |
| Cadmium, total  | ug/L  | MW-78  | 09/24/2014 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 12/05/2014 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/11/2015 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 06/16/2015 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/16/2015 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/22/2016 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/15/2016 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/23/2017 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/08/2017 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/19/2018 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/11/2018 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/26/2019 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/04/2019 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/26/2020 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/15/2020 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/02/2021 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/07/2021 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/24/2022 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 08/31/2022 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/02/2023 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/12/2023 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/04/2024 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/23/2024 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 03/12/2025 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | MW-78  | 09/03/2025 | ND | 0.2000 |          | * |
| Cadmium, total  | ug/L  | SW-101 | 09/14/2016 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | SW-101 | 03/23/2017 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | SW-101 | 09/08/2017 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | SW-101 | 03/19/2018 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | SW-101 | 09/11/2018 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | SW-101 | 03/26/2019 | ND | 0.8000 |          |   |
| Cadmium, total  | ug/L  | SW-101 | 09/04/2019 | ND | 0.8000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/24/2014 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 12/05/2014 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/11/2015 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 06/16/2015 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/17/2015 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/22/2016 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/15/2016 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/23/2017 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/08/2017 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/19/2018 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/11/2018 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/26/2019 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/04/2019 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/26/2020 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/15/2020 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/02/2021 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/07/2021 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/24/2022 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 08/31/2022 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/02/2023 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/12/2023 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/04/2024 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/23/2024 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 03/12/2025 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-39  | 09/03/2025 | ND | 1.0000 |          | * |
| Chromium, total | ug/L  | MW-48  | 09/24/2014 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 12/05/2014 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 03/11/2015 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 06/16/2015 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 09/16/2015 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 03/22/2016 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 09/14/2016 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 03/23/2017 | ND | 8.0000 |          |   |
| Chromium, total | ug/L  | MW-48  | 09/08/2017 | ND | 8.0000 |          |   |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result | Adjusted |    |
|-----------------|-------|--------|------------|----|--------|----------|----|
| Chromium, total | ug/L  | MW-48  | 03/19/2018 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 09/11/2018 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 03/26/2019 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 09/04/2019 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 03/26/2020 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 09/15/2020 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 03/02/2021 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 09/07/2021 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 03/24/2022 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 08/31/2022 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 03/02/2023 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 09/12/2023 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 03/04/2024 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 09/23/2024 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 03/12/2025 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-48  | 09/03/2025 | ND | 1.0000 |          | *  |
| Chromium, total | ug/L  | MW-78  | 09/24/2014 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 12/05/2014 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/11/2015 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 06/16/2015 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/16/2015 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/22/2016 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/15/2016 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/23/2017 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/08/2017 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/19/2018 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/11/2018 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/26/2019 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/04/2019 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/26/2020 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/15/2020 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/02/2021 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/07/2021 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/24/2022 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 08/31/2022 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/02/2023 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/12/2023 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/04/2024 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/23/2024 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 03/12/2025 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | MW-78  | 09/03/2025 | ND | 1.0000 |          | *  |
| Chromium, total | ug/L  | SW-101 | 09/14/2016 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | SW-101 | 03/23/2017 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | SW-101 | 09/08/2017 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | SW-101 | 03/19/2018 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | SW-101 | 09/11/2018 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | SW-101 | 03/26/2019 | ND | 8.0000 |          |    |
| Chromium, total | ug/L  | SW-101 | 09/04/2019 | ND | 8.0000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/24/2014 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 12/05/2014 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 03/11/2015 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 06/16/2015 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/17/2015 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 03/22/2016 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/15/2016 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 03/23/2017 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/08/2017 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 03/19/2018 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/11/2018 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 03/26/2019 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/04/2019 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 03/26/2020 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/15/2020 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 03/02/2021 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 09/07/2021 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 03/24/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 08/31/2022 | ND | 0.8000 |          |    |
| Cobalt, total   | ug/L  | MW-39  | 03/02/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 09/12/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 03/04/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 09/23/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 03/12/2025 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-39  | 09/03/2025 | ND | 0.5000 | 0.8000   | ** |
| Cobalt, total   | ug/L  | MW-48  | 09/24/2014 | ND | 0.8000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent   | Units | Well   | Date       |    | Result | Adjusted |    |
|---------------|-------|--------|------------|----|--------|----------|----|
| Cobalt, total | ug/L  | MW-48  | 12/05/2014 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 03/11/2015 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 06/16/2015 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 09/16/2015 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 03/22/2016 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 09/14/2016 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 03/23/2017 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 09/08/2017 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 03/19/2018 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 09/11/2018 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 03/26/2019 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 09/04/2019 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 03/26/2020 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 09/15/2020 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 03/02/2021 |    | 0.9000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 09/07/2021 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 03/24/2022 |    | 0.4000 |          |    |
| Cobalt, total | ug/L  | MW-48  | 08/31/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 03/02/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 09/12/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 03/04/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 09/23/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 03/12/2025 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-48  | 09/03/2025 | ND | 0.5000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 09/24/2014 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 12/05/2014 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 03/11/2015 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 06/16/2015 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 09/16/2015 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 03/22/2016 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 09/15/2016 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 03/23/2017 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 09/08/2017 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 03/19/2018 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 09/11/2018 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 03/26/2019 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 09/04/2019 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 03/26/2020 | ND | 0.8000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 09/15/2020 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 03/02/2021 |    | 1.0000 |          |    |
| Cobalt, total | ug/L  | MW-78  | 09/07/2021 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 03/24/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 08/31/2022 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 03/02/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 09/12/2023 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 03/04/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 09/23/2024 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 03/12/2025 | ND | 0.4000 | 0.8000   | ** |
| Cobalt, total | ug/L  | MW-78  | 09/03/2025 | ND | 0.5000 | 0.8000   | ** |
| Cobalt, total | ug/L  | SW-101 | 09/14/2016 |    | 4.5000 |          |    |
| Cobalt, total | ug/L  | SW-101 | 03/23/2017 |    | 4.2000 |          |    |
| Cobalt, total | ug/L  | SW-101 | 09/08/2017 |    | 6.9000 |          |    |
| Cobalt, total | ug/L  | SW-101 | 03/19/2018 |    | 2.3000 |          |    |
| Cobalt, total | ug/L  | SW-101 | 09/11/2018 |    | 1.9000 |          |    |
| Cobalt, total | ug/L  | SW-101 | 03/26/2019 |    | 1.8000 |          |    |
| Cobalt, total | ug/L  | SW-101 | 09/04/2019 |    | 5.9000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/17/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/15/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/26/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/04/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/26/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/15/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/02/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/07/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/24/2022 | ND | 4.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent   | Units | Well   | Date       |    | Result | Adjusted |    |
|---------------|-------|--------|------------|----|--------|----------|----|
| Copper, total | ug/L  | MW-39  | 08/31/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/02/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/12/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/04/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/23/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 03/12/2025 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-39  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Copper, total | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/26/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/04/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/26/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/15/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/02/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/07/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/24/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 08/31/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/02/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/12/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/04/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/23/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 03/12/2025 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-48  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Copper, total | ug/L  | MW-78  | 09/24/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 12/05/2014 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/11/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 06/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/16/2015 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/22/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/15/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/23/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/08/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/19/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/11/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/26/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/04/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/26/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/15/2020 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/02/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/07/2021 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/24/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 08/31/2022 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/02/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/12/2023 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/04/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/23/2024 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 03/12/2025 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | MW-78  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Copper, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000 |          |    |
| Copper, total | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 09/17/2015 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 09/15/2016 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000 |          |    |
| Lead, total   | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent   | Units | Well   | Date       |    | Result | Adjusted |   |
|---------------|-------|--------|------------|----|--------|----------|---|
| Lead, total   | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 03/26/2019 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 09/04/2019 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 03/26/2020 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 09/15/2020 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 03/02/2021 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 09/07/2021 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 03/24/2022 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 08/31/2022 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 03/02/2023 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 09/12/2023 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 03/04/2024 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 09/23/2024 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 03/12/2025 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-39  | 09/03/2025 | ND | 1.0000 |          | * |
| Lead, total   | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/26/2019 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/04/2019 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/26/2020 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/15/2020 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/02/2021 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/07/2021 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/24/2022 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 08/31/2022 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/02/2023 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/12/2023 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/04/2024 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/23/2024 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 03/12/2025 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-48  | 09/03/2025 | ND | 1.0000 |          | * |
| Lead, total   | ug/L  | MW-78  | 09/24/2014 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 12/05/2014 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/11/2015 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 06/16/2015 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/16/2015 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/22/2016 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/15/2016 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/23/2017 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/08/2017 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/19/2018 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/11/2018 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/26/2019 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/04/2019 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/26/2020 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/15/2020 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/02/2021 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/07/2021 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/24/2022 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 08/31/2022 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/02/2023 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/12/2023 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/04/2024 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/23/2024 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 03/12/2025 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | MW-78  | 09/03/2025 | ND | 1.0000 |          | * |
| Lead, total   | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000 |          |   |
| Lead, total   | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000 |          |   |
| Nickel, total | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000 |          |   |
| Nickel, total | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000 |          |   |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.



Table 1

## Upgradient Data

| Constituent   | Units | Well   | Date       |    | Result | Adjusted |    |
|---------------|-------|--------|------------|----|--------|----------|----|
| Nickel, total | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/17/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/15/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/26/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/04/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/26/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/15/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/02/2021 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/07/2021 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/24/2022 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 08/31/2022 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/02/2023 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/12/2023 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/04/2024 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/23/2024 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 03/12/2025 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-39  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Nickel, total | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/26/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/04/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/26/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/15/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/02/2021 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/07/2021 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/24/2022 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 08/31/2022 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/02/2023 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/12/2023 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/04/2024 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/23/2024 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 03/12/2025 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-48  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Nickel, total | ug/L  | MW-78  | 09/24/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 12/05/2014 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/11/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 06/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/16/2015 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/22/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/15/2016 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/23/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/08/2017 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/19/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/11/2018 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/26/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/04/2019 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/26/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/15/2020 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/02/2021 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/07/2021 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/24/2022 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 08/31/2022 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/02/2023 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/12/2023 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/04/2024 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/23/2024 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 03/12/2025 | ND | 4.0000 |          |    |
| Nickel, total | ug/L  | MW-78  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Nickel, total | ug/L  | SW-101 | 09/14/2016 |    | 8.7000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result  | Adjusted |    |
|-----------------|-------|--------|------------|----|---------|----------|----|
| Nickel, total   | ug/L  | SW-101 | 03/23/2017 |    | 5.4000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 09/08/2017 |    | 8.6000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 03/26/2019 |    | 4.2000  |          |    |
| Nickel, total   | ug/L  | SW-101 | 09/04/2019 |    | 7.5000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/17/2015 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/15/2016 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/26/2019 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/04/2019 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/26/2020 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/15/2020 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/02/2021 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/07/2021 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/24/2022 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 08/31/2022 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/02/2023 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/12/2023 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/04/2024 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/23/2024 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 03/12/2025 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-39  | 09/03/2025 | ND | 2.0000  | 4.0000   | ** |
| Selenium, total | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/26/2019 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/04/2019 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/26/2020 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/15/2020 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/02/2021 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/07/2021 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/24/2022 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 08/31/2022 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/02/2023 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/12/2023 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/04/2024 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/23/2024 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 03/12/2025 | ND | 4.0000  |          |    |
| Selenium, total | ug/L  | MW-48  | 09/03/2025 | ND | 2.0000  | 4.0000   | ** |
| Selenium, total | ug/L  | MW-78  | 09/24/2014 |    | 5.4000  |          |    |
| Selenium, total | ug/L  | MW-78  | 12/05/2014 |    | 5.6000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/11/2015 |    | 6.5000  |          |    |
| Selenium, total | ug/L  | MW-78  | 06/16/2015 |    | 8.6000  |          |    |
| Selenium, total | ug/L  | MW-78  | 09/16/2015 |    | 8.1000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/22/2016 |    | 8.9000  |          |    |
| Selenium, total | ug/L  | MW-78  | 09/15/2016 |    | 9.4000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/23/2017 |    | 10.6000 |          |    |
| Selenium, total | ug/L  | MW-78  | 09/08/2017 |    | 6.9000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/19/2018 |    | 8.3000  |          |    |
| Selenium, total | ug/L  | MW-78  | 09/11/2018 |    | 5.6000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/26/2019 |    | 9.5000  |          |    |
| Selenium, total | ug/L  | MW-78  | 09/04/2019 |    | 6.8000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/26/2020 |    | 5.4000  |          |    |
| Selenium, total | ug/L  | MW-78  | 09/15/2020 |    | 8.5000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/02/2021 |    | 9.4000  |          |    |
| Selenium, total | ug/L  | MW-78  | 09/07/2021 |    | 4.9000  |          |    |
| Selenium, total | ug/L  | MW-78  | 03/24/2022 |    | 6.3000  |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result | Adjusted |    |
|-----------------|-------|--------|------------|----|--------|----------|----|
| Selenium, total | ug/L  | MW-78  | 08/31/2022 |    | 6.2000 |          |    |
| Selenium, total | ug/L  | MW-78  | 03/02/2023 |    | 7.9000 |          |    |
| Selenium, total | ug/L  | MW-78  | 09/12/2023 |    | 5.8000 |          |    |
| Selenium, total | ug/L  | MW-78  | 03/04/2024 |    | 5.7000 |          |    |
| Selenium, total | ug/L  | MW-78  | 09/23/2024 |    | 4.1000 |          |    |
| Selenium, total | ug/L  | MW-78  | 03/12/2025 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | MW-78  | 09/03/2025 |    | 6.0000 |          |    |
| Selenium, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000 |          |    |
| Selenium, total | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/17/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/15/2016 |    | 6.4000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/26/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/04/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/26/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/15/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/02/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/07/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/24/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 08/31/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/02/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/12/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/04/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/23/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 03/12/2025 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-39  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Silver, total   | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/26/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/04/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/26/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/15/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/02/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/07/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/24/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 08/31/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/02/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/12/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/04/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/23/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 03/12/2025 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-48  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Silver, total   | ug/L  | MW-78  | 09/24/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 12/05/2014 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/11/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 06/16/2015 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/22/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/15/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/23/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/08/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/19/2018 | ND | 4.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result | Adjusted |    |
|-----------------|-------|--------|------------|----|--------|----------|----|
| Silver, total   | ug/L  | MW-78  | 09/11/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/26/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/04/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/26/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/15/2020 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/02/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/07/2021 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/24/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 08/31/2022 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/02/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/12/2023 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/04/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/23/2024 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 03/12/2025 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | MW-78  | 09/03/2025 | ND | 5.0000 | 4.0000   | ** |
| Silver, total   | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | SW-101 | 09/11/2018 | ND | 8.0000 | 4.0000   | ** |
| Silver, total   | ug/L  | SW-101 | 03/26/2019 | ND | 4.0000 |          |    |
| Silver, total   | ug/L  | SW-101 | 09/04/2019 | ND | 4.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 09/24/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 12/05/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 03/11/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 06/16/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 09/17/2015 |    | 2.4000 |          |    |
| Thallium, total | ug/L  | MW-39  | 03/22/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 09/15/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 03/23/2017 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 09/08/2017 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 03/19/2018 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 09/11/2018 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-39  | 03/26/2019 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 09/04/2019 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 03/26/2020 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 09/15/2020 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 03/02/2021 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 09/07/2021 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 03/24/2022 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 08/31/2022 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 03/02/2023 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 09/12/2023 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 03/04/2024 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 09/23/2024 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 03/12/2025 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-39  | 09/03/2025 | ND | 0.5000 |          | *  |
| Thallium, total | ug/L  | MW-48  | 09/24/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 12/05/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 03/11/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 06/16/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 09/16/2015 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 03/22/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 09/14/2016 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 03/23/2017 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 09/08/2017 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 03/19/2018 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 09/11/2018 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-48  | 03/26/2019 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 09/04/2019 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 03/26/2020 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 09/15/2020 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 03/02/2021 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 09/07/2021 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 03/24/2022 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 08/31/2022 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 03/02/2023 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 09/12/2023 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 03/04/2024 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 09/23/2024 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 03/12/2025 | ND | 2.0000 |          |    |
| Thallium, total | ug/L  | MW-48  | 09/03/2025 | ND | 0.5000 |          | *  |
| Thallium, total | ug/L  | MW-78  | 09/24/2014 | ND | 4.0000 | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 12/05/2014 | ND | 4.0000 | 2.0000   | ** |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result  | Adjusted |    |
|-----------------|-------|--------|------------|----|---------|----------|----|
| Thallium, total | ug/L  | MW-78  | 03/11/2015 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 06/16/2015 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 09/16/2015 | ND | 1.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 03/22/2016 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 09/15/2016 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 03/23/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 09/08/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 03/19/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 09/11/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | MW-78  | 03/26/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 09/04/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 03/26/2020 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 09/15/2020 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 03/02/2021 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 09/07/2021 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 03/24/2022 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 08/31/2022 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 03/02/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 09/12/2023 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 03/04/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 09/23/2024 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 03/12/2025 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | MW-78  | 09/03/2025 | ND | 0.5000  |          | *  |
| Thallium, total | ug/L  | SW-101 | 09/14/2016 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 03/23/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 09/08/2017 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 03/19/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 09/11/2018 | ND | 4.0000  | 2.0000   | ** |
| Thallium, total | ug/L  | SW-101 | 03/26/2019 | ND | 2.0000  |          |    |
| Thallium, total | ug/L  | SW-101 | 09/04/2019 | ND | 2.0000  |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/24/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 12/05/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/11/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 06/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/17/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/22/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/15/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/23/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/08/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/19/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/11/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/26/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/04/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/26/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/15/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/02/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/07/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/24/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 08/31/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/02/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/12/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/04/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/23/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 03/12/2025 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-39  | 09/03/2025 | ND | 2.0000  |          | *  |
| Vanadium, total | ug/L  | MW-48  | 09/24/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 12/05/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/11/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 06/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/22/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/14/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/23/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/08/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/19/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/11/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/26/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/04/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/26/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/15/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/02/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/07/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/24/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 08/31/2022 | ND | 20.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent     | Units | Well   | Date       |    | Result  | Adjusted |    |
|-----------------|-------|--------|------------|----|---------|----------|----|
| Vanadium, total | ug/L  | MW-48  | 03/02/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/12/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/04/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/23/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 03/12/2025 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-48  | 09/03/2025 | ND | 2.0000  |          | *  |
| Vanadium, total | ug/L  | MW-78  | 09/24/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 12/05/2014 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/11/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 06/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/16/2015 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/22/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/15/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/23/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/08/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/19/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/11/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/26/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/04/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/26/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/15/2020 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/02/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/07/2021 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/24/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 08/31/2022 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/02/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/12/2023 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/04/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/23/2024 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 03/12/2025 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | MW-78  | 09/03/2025 | ND | 2.0000  |          | *  |
| Vanadium, total | ug/L  | SW-101 | 09/14/2016 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 03/23/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 09/08/2017 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 03/19/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 09/11/2018 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 03/26/2019 | ND | 20.0000 |          |    |
| Vanadium, total | ug/L  | SW-101 | 09/04/2019 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 09/24/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 12/05/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 03/11/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 06/16/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 09/17/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 03/22/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 09/15/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 03/23/2017 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 09/08/2017 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 03/19/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 09/11/2018 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 03/26/2019 |    | 24.6000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 09/04/2019 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-39  | 03/26/2020 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 09/15/2020 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 03/02/2021 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 09/07/2021 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 03/24/2022 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 08/31/2022 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 03/02/2023 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 09/12/2023 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 03/04/2024 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 09/23/2024 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 03/12/2025 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-39  | 09/03/2025 | ND | 5.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 09/24/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 12/05/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 03/11/2015 |    | 32.3000 |          |    |
| Zinc, total     | ug/L  | MW-48  | 06/16/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 09/16/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 03/22/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 09/14/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 03/23/2017 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 09/08/2017 | ND | 20.0000 |          |    |
| Zinc, total     | ug/L  | MW-48  | 03/19/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total     | ug/L  | MW-48  | 09/11/2018 | ND | 20.0000 |          |    |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 1

## Upgradient Data

| Constituent | Units | Well   | Date       |    | Result  | Adjusted |    |
|-------------|-------|--------|------------|----|---------|----------|----|
| Zinc, total | ug/L  | MW-48  | 03/26/2019 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 09/04/2019 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-48  | 03/26/2020 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 09/15/2020 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 03/02/2021 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 09/07/2021 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 03/24/2022 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 08/31/2022 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 03/02/2023 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 09/12/2023 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 03/04/2024 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 09/23/2024 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 03/12/2025 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-48  | 09/03/2025 |    | 9.6000  |          |    |
| Zinc, total | ug/L  | MW-78  | 09/24/2014 |    | 10.7000 |          |    |
| Zinc, total | ug/L  | MW-78  | 12/05/2014 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-78  | 03/11/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-78  | 06/16/2015 |    | 8.4000  |          |    |
| Zinc, total | ug/L  | MW-78  | 09/16/2015 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-78  | 03/22/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-78  | 09/15/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-78  | 03/23/2017 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-78  | 09/08/2017 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/19/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | MW-78  | 09/11/2018 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/26/2019 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 09/04/2019 |    | 17.6000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/26/2020 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 09/15/2020 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/02/2021 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 09/07/2021 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/24/2022 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 08/31/2022 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/02/2023 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 09/12/2023 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/04/2024 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 09/23/2024 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 03/12/2025 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | MW-78  | 09/03/2025 |    | 6.4000  |          |    |
| Zinc, total | ug/L  | SW-101 | 09/14/2016 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | SW-101 | 03/23/2017 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | SW-101 | 09/08/2017 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | SW-101 | 03/19/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | SW-101 | 09/11/2018 | ND | 8.0000  | 20.0000  | ** |
| Zinc, total | ug/L  | SW-101 | 03/26/2019 | ND | 20.0000 |          |    |
| Zinc, total | ug/L  | SW-101 | 09/04/2019 | ND | 8.0000  | 20.0000  | ** |

\* - Outlier for that well and constituent.

\*\* - ND value replaced with median RL.

\*\*\* - ND value replaced with manual RL.

ND = Not detected, Result = detection limit.

Table 2

## Most Current Downgradient Monitoring Data

| Constituent      | Units | Well  | Date       |    | Result   |     | Pred. Limit |
|------------------|-------|-------|------------|----|----------|-----|-------------|
| Antimony, total  | ug/L  | MW-44 | 09/03/2025 | ND | 1.0000   |     | 2.0000      |
| Antimony, total  | ug/L  | MW-56 | 09/03/2025 |    | 2.2000   | *   | 2.0000      |
| Antimony, total  | ug/L  | MW-57 | 09/03/2025 | ND | 1.0000   |     | 2.0000      |
| Antimony, total  | ug/L  | MW-64 | 09/03/2025 | ND | 1.0000   |     | 2.0000      |
| Antimony, total  | ug/L  | MW-65 | 09/03/2025 | ND | 1.0000   |     | 2.0000      |
| Arsenic, total   | ug/L  | MW-44 | 09/03/2025 |    | 5.5000   | **  | 7.3000      |
| Arsenic, total   | ug/L  | MW-56 | 09/03/2025 | ND | 2.0000   |     | 7.3000      |
| Arsenic, total   | ug/L  | MW-57 | 09/03/2025 | ND | 2.0000   |     | 7.3000      |
| Arsenic, total   | ug/L  | MW-64 | 09/03/2025 |    | 23.5000  | *** | 7.3000      |
| Arsenic, total   | ug/L  | MW-65 | 09/03/2025 |    | 13.2000  | *   | 7.3000      |
| Barium, total    | ug/L  | MW-44 | 09/03/2025 |    | 152.0000 |     | 357.0000    |
| Barium, total    | ug/L  | MW-56 | 09/03/2025 |    | 46.0000  |     | 357.0000    |
| Barium, total    | ug/L  | MW-57 | 09/03/2025 |    | 343.0000 |     | 357.0000    |
| Barium, total    | ug/L  | MW-64 | 09/03/2025 |    | 48.1000  |     | 357.0000    |
| Barium, total    | ug/L  | MW-65 | 09/03/2025 |    | 77.3000  |     | 357.0000    |
| Beryllium, total | ug/L  | MW-44 | 09/03/2025 | ND | 0.5000   |     | 4.0000      |
| Beryllium, total | ug/L  | MW-56 | 09/03/2025 | ND | 0.5000   |     | 4.0000      |
| Beryllium, total | ug/L  | MW-57 | 09/03/2025 | ND | 0.5000   |     | 4.0000      |
| Beryllium, total | ug/L  | MW-64 | 09/03/2025 | ND | 0.5000   |     | 4.0000      |
| Beryllium, total | ug/L  | MW-65 | 09/03/2025 | ND | 0.5000   |     | 4.0000      |
| Cadmium, total   | ug/L  | MW-44 | 09/03/2025 | ND | 0.2000   |     | 0.8000      |
| Cadmium, total   | ug/L  | MW-56 | 09/03/2025 | ND | 0.2000   |     | 0.8000      |
| Cadmium, total   | ug/L  | MW-57 | 09/03/2025 | ND | 0.2000   |     | 0.8000      |
| Cadmium, total   | ug/L  | MW-64 | 09/03/2025 | ND | 0.2000   |     | 0.8000      |
| Cadmium, total   | ug/L  | MW-65 | 09/03/2025 |    | 0.8000   | *   | 0.8000      |
| Chromium, total  | ug/L  | MW-44 | 09/03/2025 |    | 1.2000   |     | 8.0000      |
| Chromium, total  | ug/L  | MW-56 | 09/03/2025 | ND | 1.0000   |     | 8.0000      |
| Chromium, total  | ug/L  | MW-57 | 09/03/2025 |    | 1.0000   |     | 8.0000      |
| Chromium, total  | ug/L  | MW-64 | 09/03/2025 |    | 1.2000   |     | 8.0000      |
| Chromium, total  | ug/L  | MW-65 | 09/03/2025 |    | 1.7000   |     | 8.0000      |
| Cobalt, total    | ug/L  | MW-44 | 09/03/2025 |    | 8.9000   | *** | 6.9000      |
| Cobalt, total    | ug/L  | MW-56 | 09/03/2025 |    | 3.3000   |     | 6.9000      |
| Cobalt, total    | ug/L  | MW-57 | 09/03/2025 |    | 0.5000   |     | 6.9000      |
| Cobalt, total    | ug/L  | MW-64 | 09/03/2025 |    | 15.9000  | *** | 6.9000      |
| Cobalt, total    | ug/L  | MW-65 | 09/03/2025 |    | 15.6000  | *   | 6.9000      |
| Copper, total    | ug/L  | MW-44 | 09/03/2025 |    | 9.9000   | *   | 4.0000      |
| Copper, total    | ug/L  | MW-56 | 09/03/2025 | ND | 5.0000   |     | 4.0000      |
| Copper, total    | ug/L  | MW-57 | 09/03/2025 | ND | 5.0000   |     | 4.0000      |
| Copper, total    | ug/L  | MW-64 | 09/03/2025 | ND | 5.0000   |     | 4.0000      |
| Copper, total    | ug/L  | MW-65 | 09/03/2025 |    | 8.1000   | *   | 4.0000      |
| Lead, total      | ug/L  | MW-44 | 09/03/2025 | ND | 1.0000   |     | 4.0000      |
| Lead, total      | ug/L  | MW-56 | 09/03/2025 | ND | 1.0000   |     | 4.0000      |
| Lead, total      | ug/L  | MW-57 | 09/03/2025 | ND | 1.0000   |     | 4.0000      |
| Lead, total      | ug/L  | MW-64 | 09/03/2025 | ND | 1.0000   |     | 4.0000      |
| Lead, total      | ug/L  | MW-65 | 09/03/2025 | ND | 1.0000   |     | 4.0000      |
| Nickel, total    | ug/L  | MW-44 | 09/03/2025 |    | 12.0000  | *** | 8.7000      |
| Nickel, total    | ug/L  | MW-56 | 09/03/2025 |    | 6.8000   |     | 8.7000      |
| Nickel, total    | ug/L  | MW-57 | 09/03/2025 | ND | 5.0000   |     | 8.7000      |
| Nickel, total    | ug/L  | MW-64 | 09/03/2025 |    | 40.3000  | *** | 8.7000      |
| Nickel, total    | ug/L  | MW-65 | 09/03/2025 |    | 40.6000  | *** | 8.7000      |
| Selenium, total  | ug/L  | MW-44 | 09/03/2025 | ND | 2.0000   |     | 10.6000     |
| Selenium, total  | ug/L  | MW-56 | 09/03/2025 | ND | 2.0000   |     | 10.6000     |
| Selenium, total  | ug/L  | MW-57 | 09/03/2025 | ND | 2.0000   |     | 10.6000     |
| Selenium, total  | ug/L  | MW-64 | 09/03/2025 |    | 2.1000   |     | 10.6000     |
| Selenium, total  | ug/L  | MW-65 | 09/03/2025 | ND | 2.0000   |     | 10.6000     |
| Silver, total    | ug/L  | MW-44 | 09/03/2025 | ND | 5.0000   |     | 6.4000      |
| Silver, total    | ug/L  | MW-56 | 09/03/2025 | ND | 5.0000   |     | 6.4000      |
| Silver, total    | ug/L  | MW-57 | 09/03/2025 | ND | 5.0000   |     | 6.4000      |
| Silver, total    | ug/L  | MW-64 | 09/03/2025 | ND | 5.0000   |     | 6.4000      |
| Silver, total    | ug/L  | MW-65 | 09/03/2025 | ND | 5.0000   |     | 6.4000      |
| Thallium, total  | ug/L  | MW-44 | 09/03/2025 | ND | 0.5000   |     | 2.4000      |
| Thallium, total  | ug/L  | MW-56 | 09/03/2025 | ND | 0.5000   |     | 2.4000      |
| Thallium, total  | ug/L  | MW-57 | 09/03/2025 | ND | 0.5000   |     | 2.4000      |
| Thallium, total  | ug/L  | MW-64 | 09/03/2025 | ND | 0.5000   |     | 2.4000      |
| Thallium, total  | ug/L  | MW-65 | 09/03/2025 | ND | 0.5000   |     | 2.4000      |
| Vanadium, total  | ug/L  | MW-44 | 09/03/2025 | ND | 2.0000   |     | 20.0000     |
| Vanadium, total  | ug/L  | MW-56 | 09/03/2025 | ND | 2.0000   |     | 20.0000     |
| Vanadium, total  | ug/L  | MW-57 | 09/03/2025 | ND | 2.0000   |     | 20.0000     |
| Vanadium, total  | ug/L  | MW-64 | 09/03/2025 | ND | 2.0000   |     | 20.0000     |
| Vanadium, total  | ug/L  | MW-65 | 09/03/2025 |    | 2.1000   |     | 20.0000     |
| Zinc, total      | ug/L  | MW-44 | 09/03/2025 |    | 25.1000  |     | 32.3000     |
| Zinc, total      | ug/L  | MW-56 | 09/03/2025 |    | 13.3000  |     | 32.3000     |

\* - Current value failed - awaiting verification.

\*\* - Current value passed - previous exceedance not verified.

\*\*\* - Current value failed - exceedance verified.

\*\*\*\* - Current value passed - awaiting one more verification.

\*\*\*\*\* - Insufficient background data to compute prediction limit.

ND = Not Detected, Result = detection limit.



**Table 2****Most Current Downgradient Monitoring Data**

| Constituent | Units | Well  | Date       |  | Result  |   | Pred. Limit |
|-------------|-------|-------|------------|--|---------|---|-------------|
| Zinc, total | ug/L  | MW-57 | 09/03/2025 |  | 14.8000 |   | 32.3000     |
| Zinc, total | ug/L  | MW-64 | 09/03/2025 |  | 27.2000 |   | 32.3000     |
| Zinc, total | ug/L  | MW-65 | 09/03/2025 |  | 56.8000 | * | 32.3000     |

\* - Current value failed - awaiting verification.

\*\* - Current value passed - previous exceedance not verified.

\*\*\* - Current value failed - exceedance verified.

\*\*\*\* - Current value passed - awaiting one more verification.

\*\*\*\*\* - Insufficient background data to compute prediction limit.

ND = Not Detected, Result = detection limit.

**Table 3****Detection Frequencies in Upgradient and Downgradient Wells**

| Constituent      | Detect | Upgradient<br>N | Proportion | Detect | Downgradient<br>N | Proportion |
|------------------|--------|-----------------|------------|--------|-------------------|------------|
| Antimony, total  | 0      | 82              | 0.000      | 1      | 90                | 0.011      |
| Arsenic, total   | 2      | 82              | 0.024      | 45     | 91                | 0.495      |
| Barium, total    | 82     | 82              | 1.000      | 94     | 94                | 1.000      |
| Beryllium, total | 0      | 79              | 0.000      | 0      | 90                | 0.000      |
| Cadmium, total   | 0      | 79              | 0.000      | 1      | 90                | 0.011      |
| Chromium, total  | 0      | 79              | 0.000      | 4      | 90                | 0.044      |
| Cobalt, total    | 12     | 82              | 0.146      | 78     | 91                | 0.857      |
| Copper, total    | 0      | 82              | 0.000      | 12     | 91                | 0.132      |
| Lead, total      | 0      | 79              | 0.000      | 1      | 90                | 0.011      |
| Nickel, total    | 5      | 82              | 0.061      | 71     | 91                | 0.780      |
| Selenium, total  | 24     | 82              | 0.293      | 2      | 90                | 0.022      |
| Silver, total    | 1      | 82              | 0.012      | 0      | 90                | 0.000      |
| Thallium, total  | 1      | 79              | 0.013      | 0      | 90                | 0.000      |
| Vanadium, total  | 0      | 79              | 0.000      | 1      | 90                | 0.011      |
| Zinc, total      | 7      | 82              | 0.085      | 25     | 90                | 0.278      |

N = Total number of measurements in all wells.

Detect = Total number of detections in all wells.

Proportion = Detect/N.

Table 4

## Shapiro-Wilk Multiple Group Test of Normality

| Constituent      | Detect | N  | Detect Freq | G raw | G log | G cbrt | G sqrt | G sqr | G cub | Crit Value | Dist Form | Model Type |
|------------------|--------|----|-------------|-------|-------|--------|--------|-------|-------|------------|-----------|------------|
| Antimony, total  | 0      | 82 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Arsenic, total   | 2      | 82 | 0.024       |       |       |        |        |       |       |            |           | nonpar     |
| Barium, total    | 82     | 82 | 1.000       | 2.942 | 3.181 |        |        |       |       | 2.326      | non-norm  | nonpar     |
| Beryllium, total | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Cadmium, total   | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Chromium, total  | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Cobalt, total    | 12     | 82 | 0.146       | 0.421 | 0.600 |        |        |       |       | 2.326      | normal    | nonpar     |
| Copper, total    | 0      | 82 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Lead, total      | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Nickel, total    | 5      | 82 | 0.061       | 0.460 | 0.593 |        |        |       |       | 2.326      | normal    | nonpar     |
| Selenium, total  | 24     | 82 | 0.293       | 0.677 | 0.217 |        |        |       |       | 2.326      | normal    | nonpar     |
| Silver, total    | 1      | 82 | 0.012       |       |       |        |        |       |       |            |           | nonpar     |
| Thallium, total  | 1      | 79 | 0.013       |       |       |        |        |       |       |            |           | nonpar     |
| Vanadium, total  | 0      | 79 | 0.000       |       |       |        |        |       |       |            |           | nonpar     |
| Zinc, total      | 7      | 82 | 0.085       | 0.007 | 1.085 |        |        |       |       | 2.326      | normal    | nonpar     |

\* - Distribution override for that constituent.

Fit to distribution is confirmed if G <= critical value.

Model type may not match distributional form when detection frequency < 50%.

Table 5

## Summary Statistics and Prediction Limits

| Constituent      | Units | Detect | N  | Mean | SD | alpha | Factor | Pred Limit | Type   |     | Conf |
|------------------|-------|--------|----|------|----|-------|--------|------------|--------|-----|------|
| Antimony, total  | ug/L  | 0      | 82 |      |    |       |        | 2.0000     | nonpar | *** | 0.99 |
| Arsenic, total   | ug/L  | 2      | 82 |      |    |       |        | 7.3000     | nonpar |     | 0.99 |
| Barium, total    | ug/L  | 82     | 82 |      |    |       |        | 357.0000   | nonpar |     | 0.99 |
| Beryllium, total | ug/L  | 0      | 79 |      |    |       |        | 4.0000     | nonpar | *** | 0.99 |
| Cadmium, total   | ug/L  | 0      | 79 |      |    |       |        | 0.8000     | nonpar | *** | 0.99 |
| Chromium, total  | ug/L  | 0      | 79 |      |    |       |        | 8.0000     | nonpar | *** | 0.99 |
| Cobalt, total    | ug/L  | 12     | 82 |      |    |       |        | 6.9000     | nonpar |     | 0.99 |
| Copper, total    | ug/L  | 0      | 82 |      |    |       |        | 4.0000     | nonpar | *** | 0.99 |
| Lead, total      | ug/L  | 0      | 79 |      |    |       |        | 4.0000     | nonpar | *** | 0.99 |
| Nickel, total    | ug/L  | 5      | 82 |      |    |       |        | 8.7000     | nonpar |     | 0.99 |
| Selenium, total  | ug/L  | 24     | 82 |      |    |       |        | 10.6000    | nonpar |     | 0.99 |
| Silver, total    | ug/L  | 1      | 82 |      |    |       |        | 6.4000     | nonpar |     | 0.99 |
| Thallium, total  | ug/L  | 1      | 79 |      |    |       |        | 2.4000     | nonpar |     | 0.99 |
| Vanadium, total  | ug/L  | 0      | 79 |      |    |       |        | 20.0000    | nonpar | *** | 0.99 |
| Zinc, total      | ug/L  | 7      | 82 |      |    |       |        | 32.3000    | nonpar |     | 0.99 |

Conf = confidence level for passing initial test or one verification resample at all downgradient wells for a single constituent (nonparametric test only).

\* - Insufficient Data.

\*\* - Calculated limit raised to Manual Reporting Limit.

\*\*\* - Nonparametric limit based on ND value.

For transformed data, mean and SD in transformed units and prediction limit in original units.

All sample sizes and statistics are based on outlier free data.

For nonparametric limits, median reporting limits are substituted for extreme reporting limit values.

Table 6

**Dixon's Test Outliers  
1% Significance Level**

| Constituent      | Units | Well  | Date       | Result | ND Qualifier | Date Range            | N  | Critical Value |
|------------------|-------|-------|------------|--------|--------------|-----------------------|----|----------------|
| Beryllium, total | ug/L  | MW-39 | 09/03/2025 | 0.5000 | < 0.5000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Beryllium, total | ug/L  | MW-48 | 09/03/2025 | 0.5000 | < 0.5000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Beryllium, total | ug/L  | MW-78 | 09/03/2025 | 0.5000 | < 0.5000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Cadmium, total   | ug/L  | MW-39 | 09/03/2025 | 0.2000 | < 0.2000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Cadmium, total   | ug/L  | MW-48 | 09/03/2025 | 0.2000 | < 0.2000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Cadmium, total   | ug/L  | MW-78 | 09/03/2025 | 0.2000 | < 0.2000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Chromium, total  | ug/L  | MW-39 | 09/03/2025 | 1.0000 | < 1.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Chromium, total  | ug/L  | MW-48 | 09/03/2025 | 1.0000 | < 1.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Chromium, total  | ug/L  | MW-78 | 09/03/2025 | 1.0000 | < 1.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Lead, total      | ug/L  | MW-39 | 09/03/2025 | 1.0000 | < 1.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Lead, total      | ug/L  | MW-48 | 09/03/2025 | 1.0000 | < 1.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Lead, total      | ug/L  | MW-78 | 09/03/2025 | 1.0000 | < 1.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Thallium, total  | ug/L  | MW-39 | 09/03/2025 | 0.5000 | < 0.5000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Thallium, total  | ug/L  | MW-48 | 09/03/2025 | 0.5000 | < 0.5000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Thallium, total  | ug/L  | MW-78 | 09/03/2025 | 0.5000 | < 0.5000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Vanadium, total  | ug/L  | MW-39 | 09/03/2025 | 2.0000 | < 2.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Vanadium, total  | ug/L  | MW-48 | 09/03/2025 | 2.0000 | < 2.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |
| Vanadium, total  | ug/L  | MW-78 | 09/03/2025 | 2.0000 | < 2.0000     | 09/24/2014-09/03/2025 | 25 | 0.4893         |

N = Total number of independent measurements in background at each well.

Date Range = Dates of the first and last measurements included in background at each well.

Critical Value depends on the significance level and on N-1 when the two most extreme values are tested or N for the most extreme value.

Table 8

**Historical Downgradient Data for Constituent-Well Combinations  
that Failed the Current Statistical Evaluation or  
are in Verification Resampling Mode**

| Constituent     | Units | Well  | Date       |    | Result    |  | Pred. Limit |
|-----------------|-------|-------|------------|----|-----------|--|-------------|
| Antimony, total | ug/L  | MW-56 | 09/14/2016 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 09/08/2017 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 03/19/2018 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 09/11/2018 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 03/26/2019 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 09/04/2019 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 03/26/2020 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 09/15/2020 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 03/02/2021 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 09/07/2021 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 03/24/2022 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 08/31/2022 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 03/02/2023 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 09/12/2023 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 03/04/2024 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 09/23/2024 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 03/12/2025 | ND | 2.0000    |  | 2.0000      |
| Antimony, total | ug/L  | MW-56 | 09/03/2025 |    | 2.2000 *  |  | 2.0000      |
| Arsenic, total  | ug/L  | MW-44 | 09/14/2016 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 09/08/2017 |    | 5.6000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 12/05/2017 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 03/19/2018 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 09/11/2018 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 03/26/2019 |    | 6.6000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 09/04/2019 |    | 7.9000 *  |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 03/26/2020 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 09/15/2020 |    | 13.1000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 03/02/2021 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 09/07/2021 |    | 9.4000 *  |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 03/24/2022 |    | 7.6000 *  |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 08/31/2022 |    | 10.0000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 03/02/2023 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 09/12/2023 |    | 10.8000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 03/04/2024 |    | 4.1000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 09/23/2024 |    | 11.9000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 03/12/2025 |    | 8.9000 *  |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-44 | 09/03/2025 |    | 5.5000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 09/14/2016 |    | 21.6000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 09/08/2017 |    | 7.9000 *  |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 03/19/2018 |    | 19.3000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 09/11/2018 |    | 24.2000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 03/26/2019 |    | 40.2000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 09/04/2019 |    | 22.2000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 03/26/2020 |    | 40.3000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 09/15/2020 |    | 21.1000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 03/02/2021 |    | 20.2000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 09/07/2021 |    | 25.2000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 03/24/2022 |    | 19.2000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 08/31/2022 |    | 27.4000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 03/02/2023 |    | 26.4000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 09/12/2023 |    | 23.1000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 03/04/2024 |    | 29.6000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 09/23/2024 |    | 30.6000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 03/12/2025 |    | 25.7000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-64 | 09/03/2025 |    | 23.5000 * |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 09/14/2016 |    | 8.0000 *  |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 09/08/2017 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 03/19/2018 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 09/11/2018 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 03/26/2019 |    | 5.8000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 09/04/2019 |    | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 03/26/2020 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 09/15/2020 |    | 4.1000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 03/02/2021 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 09/07/2021 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 03/24/2022 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 08/31/2022 |    | 4.3000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 03/02/2023 |    | 9.5000 *  |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 09/12/2023 | ND | 4.0000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 03/04/2024 |    | 6.7000    |  | 7.3000      |
| Arsenic, total  | ug/L  | MW-65 | 09/23/2024 |    | 7.9000 *  |  | 7.3000      |

\* - Significantly increased over background.

\*\* - Detect at limit for 100% NDs in background (NPPL only).

\*\*\* - Manual exclusion.

ND = Not Detected, Result = detection limit.

Table 8

**Historical Downgradient Data for Constituent-Well Combinations  
that Failed the Current Statistical Evaluation or  
are in Verification Resampling Mode**

| Constituent    | Units | Well  | Date       |    | Result    | Pred. Limit |
|----------------|-------|-------|------------|----|-----------|-------------|
| Arsenic, total | ug/L  | MW-65 | 03/12/2025 |    | 4.3000    | 7.3000      |
| Arsenic, total | ug/L  | MW-65 | 09/03/2025 |    | 13.2000 * | 7.3000      |
| Cadmium, total | ug/L  | MW-65 | 09/14/2016 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 09/08/2017 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 03/19/2018 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 09/11/2018 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 03/26/2019 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 09/04/2019 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 03/26/2020 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 09/15/2020 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 03/02/2021 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 09/07/2021 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 03/24/2022 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 08/31/2022 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 03/02/2023 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 09/12/2023 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 03/04/2024 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 09/23/2024 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 03/12/2025 | ND | 0.8000    | 0.8000      |
| Cadmium, total | ug/L  | MW-65 | 09/03/2025 |    | 0.8000 ** | 0.8000      |
| Cobalt, total  | ug/L  | MW-44 | 09/14/2016 |    | 6.3000    | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/08/2017 |    | 7.3000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 12/05/2017 |    | 8.7000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/19/2018 |    | 8.9000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/11/2018 |    | 8.4000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/26/2019 |    | 10.2000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/04/2019 |    | 8.7000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/26/2020 |    | 9.2000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/15/2020 |    | 14.5000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/02/2021 |    | 8.8000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/07/2021 |    | 8.1000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/24/2022 |    | 11.0000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 08/31/2022 |    | 11.6000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/02/2023 |    | 8.8000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/12/2023 |    | 10.7000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/04/2024 |    | 9.7000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/23/2024 |    | 10.3000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 03/12/2025 |    | 10.3000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-44 | 09/03/2025 |    | 8.9000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/14/2016 |    | 27.0000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/08/2017 |    | 34.4000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/19/2018 |    | 19.1000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/11/2018 |    | 25.1000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/26/2019 |    | 16.1000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/04/2019 |    | 23.0000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/26/2020 |    | 14.7000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/15/2020 |    | 20.8000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/02/2021 |    | 14.6000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/07/2021 |    | 21.0000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/24/2022 |    | 11.8000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 08/31/2022 |    | 21.6000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/02/2023 |    | 11.0000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/12/2023 |    | 18.7000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/04/2024 |    | 12.0000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/23/2024 |    | 17.9000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 03/12/2025 |    | 11.1000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-64 | 09/03/2025 |    | 15.9000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-65 | 09/14/2016 |    | 10.7000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-65 | 09/08/2017 |    | 3.1000    | 6.9000      |
| Cobalt, total  | ug/L  | MW-65 | 03/19/2018 |    | 8.8000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-65 | 09/11/2018 |    | 11.3000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-65 | 03/26/2019 |    | 10.0000 * | 6.9000      |
| Cobalt, total  | ug/L  | MW-65 | 09/04/2019 |    | 3.7000    | 6.9000      |
| Cobalt, total  | ug/L  | MW-65 | 03/26/2020 |    | 1.6000    | 6.9000      |
| Cobalt, total  | ug/L  | MW-65 | 09/15/2020 |    | 2.7000    | 6.9000      |
| Cobalt, total  | ug/L  | MW-65 | 03/02/2021 |    | 3.2000    | 6.9000      |
| Cobalt, total  | ug/L  | MW-65 | 09/07/2021 |    | 2.1000    | 6.9000      |
| Cobalt, total  | ug/L  | MW-65 | 03/24/2022 |    | 0.7000    | 6.9000      |
| Cobalt, total  | ug/L  | MW-65 | 08/31/2022 |    | 5.5000    | 6.9000      |
| Cobalt, total  | ug/L  | MW-65 | 03/02/2023 |    | 9.3000 *  | 6.9000      |
| Cobalt, total  | ug/L  | MW-65 | 09/12/2023 |    | 5.2000    | 6.9000      |

\* - Significantly increased over background.

\*\* - Detect at limit for 100% NDs in background (NPPL only).

\*\*\* - Manual exclusion.

ND = Not Detected, Result = detection limit.

Table 8

**Historical Downgradient Data for Constituent-Well Combinations  
that Failed the Current Statistical Evaluation or  
are in Verification Resampling Mode**

| Constituent   | Units | Well  | Date       |    | Result  |    | Pred. Limit |
|---------------|-------|-------|------------|----|---------|----|-------------|
| Cobalt, total | ug/L  | MW-65 | 03/04/2024 |    | 9.2000  | *  | 6.9000      |
| Cobalt, total | ug/L  | MW-65 | 09/23/2024 |    | 3.4000  |    | 6.9000      |
| Cobalt, total | ug/L  | MW-65 | 03/12/2025 |    | 3.6000  |    | 6.9000      |
| Cobalt, total | ug/L  | MW-65 | 09/03/2025 |    | 15.6000 | *  | 6.9000      |
| Copper, total | ug/L  | MW-44 | 09/14/2016 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 09/08/2017 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 03/19/2018 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 09/11/2018 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 03/26/2019 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 09/04/2019 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 03/26/2020 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 09/15/2020 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 03/02/2021 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 09/07/2021 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 03/24/2022 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 08/31/2022 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 03/02/2023 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 09/12/2023 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 03/04/2024 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 09/23/2024 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 03/12/2025 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-44 | 09/03/2025 |    | 9.9000  | *  | 4.0000      |
| Copper, total | ug/L  | MW-65 | 09/14/2016 |    | 6.7000  | *  | 4.0000      |
| Copper, total | ug/L  | MW-65 | 09/08/2017 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-65 | 03/19/2018 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-65 | 09/11/2018 |    | 8.0000  | *  | 4.0000      |
| Copper, total | ug/L  | MW-65 | 03/26/2019 |    | 4.0000  | ** | 4.0000      |
| Copper, total | ug/L  | MW-65 | 09/04/2019 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-65 | 03/26/2020 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-65 | 09/15/2020 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-65 | 03/02/2021 |    | 10.3000 | *  | 4.0000      |
| Copper, total | ug/L  | MW-65 | 09/07/2021 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-65 | 03/24/2022 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-65 | 08/31/2022 |    | 4.4000  | *  | 4.0000      |
| Copper, total | ug/L  | MW-65 | 03/02/2023 |    | 5.2000  | *  | 4.0000      |
| Copper, total | ug/L  | MW-65 | 09/12/2023 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-65 | 03/04/2024 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-65 | 09/23/2024 |    | 8.7000  | *  | 4.0000      |
| Copper, total | ug/L  | MW-65 | 03/12/2025 | ND | 4.0000  |    | 4.0000      |
| Copper, total | ug/L  | MW-65 | 09/03/2025 |    | 8.1000  | *  | 4.0000      |
| Nickel, total | ug/L  | MW-44 | 09/14/2016 |    | 17.3000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 09/08/2017 |    | 16.0000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 03/19/2018 |    | 12.7000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 09/11/2018 |    | 12.8000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 03/26/2019 |    | 11.9000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 09/04/2019 |    | 11.7000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 03/26/2020 |    | 13.2000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 09/15/2020 |    | 26.2000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 03/02/2021 |    | 9.7000  | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 09/07/2021 |    | 13.2000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 03/24/2022 |    | 12.2000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 08/31/2022 |    | 13.5000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 03/02/2023 |    | 10.0000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 09/12/2023 |    | 13.2000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 03/04/2024 |    | 10.0000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 09/23/2024 |    | 10.9000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 03/12/2025 |    | 8.8000  | *  | 8.7000      |
| Nickel, total | ug/L  | MW-44 | 09/03/2025 |    | 12.0000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 09/14/2016 |    | 56.3000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 09/08/2017 |    | 73.1000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 03/19/2018 |    | 46.2000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 09/11/2018 |    | 55.4000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 03/26/2019 |    | 41.6000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 09/04/2019 |    | 45.9000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 03/26/2020 |    | 39.4000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 09/15/2020 |    | 46.6000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 03/02/2021 |    | 35.4000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 09/07/2021 |    | 49.9000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 03/24/2022 |    | 33.0000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 08/31/2022 |    | 49.9000 | *  | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 03/02/2023 |    | 30.6000 | *  | 8.7000      |

\* - Significantly increased over background.

\*\* - Detect at limit for 100% NDs in background (NPPL only).

\*\*\* - Manual exclusion.

ND = Not Detected, Result = detection limit.



Table 8

**Historical Downgradient Data for Constituent-Well Combinations  
that Failed the Current Statistical Evaluation or  
are in Verification Resampling Mode**

| Constituent   | Units | Well  | Date       |    | Result  |   | Pred. Limit |
|---------------|-------|-------|------------|----|---------|---|-------------|
| Nickel, total | ug/L  | MW-64 | 09/12/2023 |    | 43.1000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 03/04/2024 |    | 32.0000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 09/23/2024 |    | 42.6000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 03/12/2025 |    | 30.7000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-64 | 09/03/2025 |    | 40.3000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 09/14/2016 |    | 28.2000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 09/08/2017 |    | 10.9000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 03/19/2018 |    | 15.3000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 09/11/2018 |    | 24.8000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 03/26/2019 |    | 12.3000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 09/04/2019 |    | 9.2000  | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 03/26/2020 |    | 7.6000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 09/15/2020 |    | 5.8000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 03/02/2021 |    | 7.4000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 09/07/2021 |    | 4.5000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 03/24/2022 | ND | 4.0000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 08/31/2022 |    | 13.0000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 03/02/2023 |    | 20.7000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 09/12/2023 |    | 7.3000  |   | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 03/04/2024 |    | 14.9000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 09/23/2024 |    | 13.5000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 03/12/2025 |    | 12.0000 | * | 8.7000      |
| Nickel, total | ug/L  | MW-65 | 09/03/2025 |    | 40.6000 | * | 8.7000      |
| Zinc, total   | ug/L  | MW-65 | 09/14/2016 |    | 38.3000 | * | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 09/08/2017 |    | 23.5000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 03/19/2018 |    | 13.9000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 09/11/2018 |    | 21.7000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 03/26/2019 |    | 50.5000 | * | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 09/04/2019 | ND | 20.0000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 03/26/2020 | ND | 20.0000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 09/15/2020 | ND | 20.0000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 03/02/2021 | ND | 20.0000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 09/07/2021 | ND | 20.0000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 03/24/2022 | ND | 20.0000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 08/31/2022 | ND | 20.0000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 03/02/2023 |    | 25.7000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 09/12/2023 | ND | 20.0000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 03/04/2024 |    | 21.5000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 09/23/2024 |    | 29.4000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 03/12/2025 | ND | 20.0000 |   | 32.3000     |
| Zinc, total   | ug/L  | MW-65 | 09/03/2025 |    | 56.8000 | * | 32.3000     |

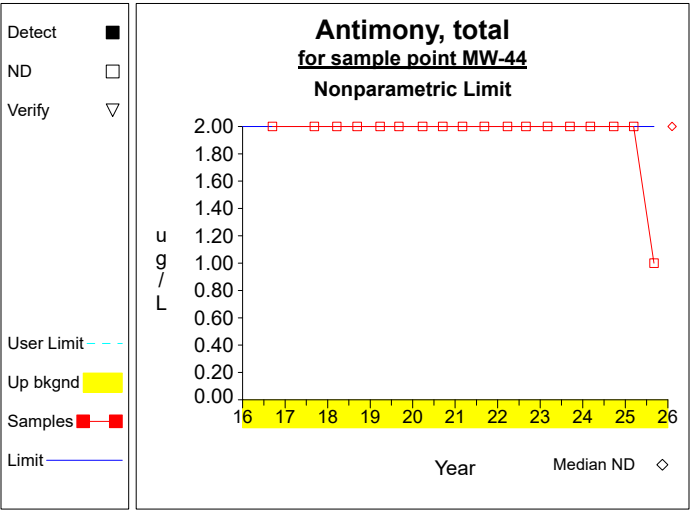
\* - Significantly increased over background.

\*\* - Detect at limit for 100% NDs in background (NPPL only).

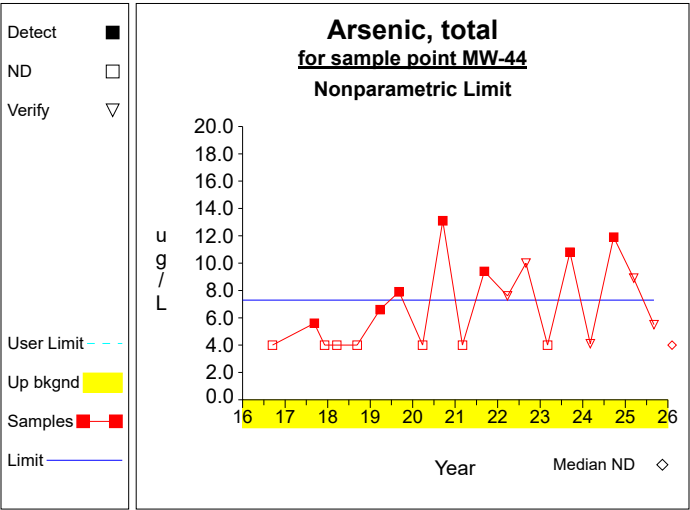
\*\*\* - Manual exclusion.

ND = Not Detected, Result = detection limit.

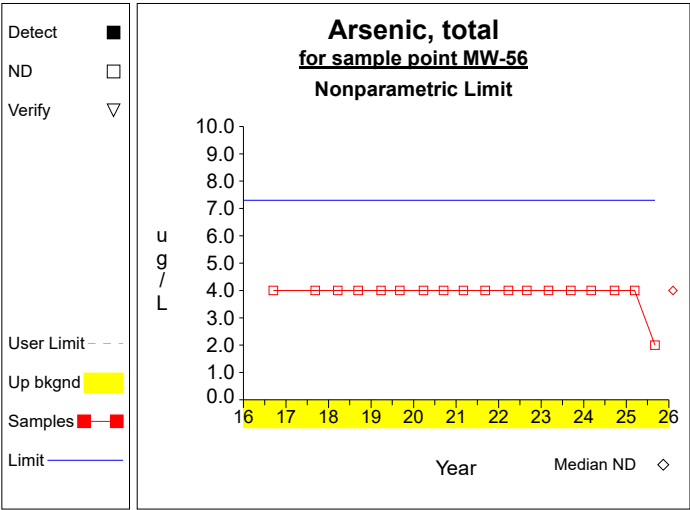
Up vs. Down Prediction Limits



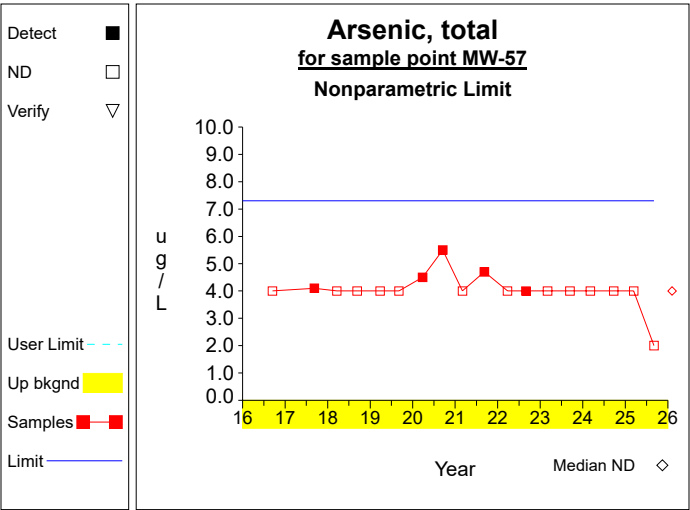
Up vs. Down Prediction Limits



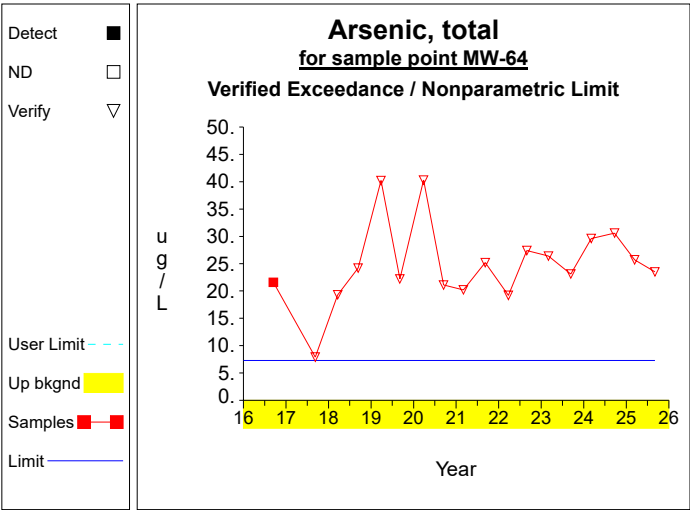
Graph 6



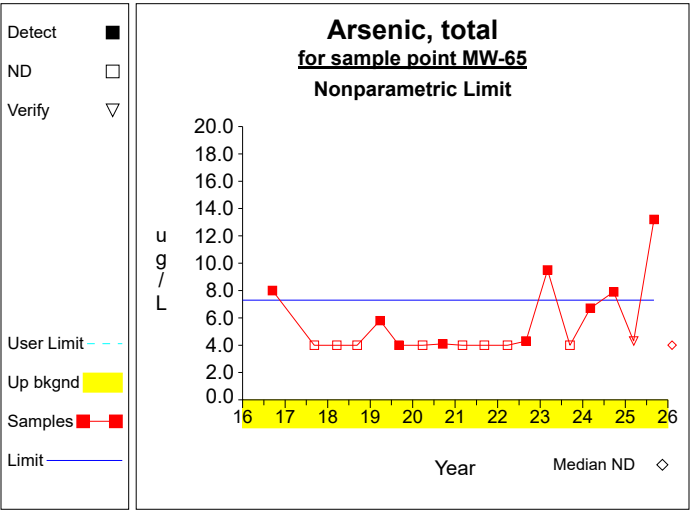
Graph 7



Graph 8

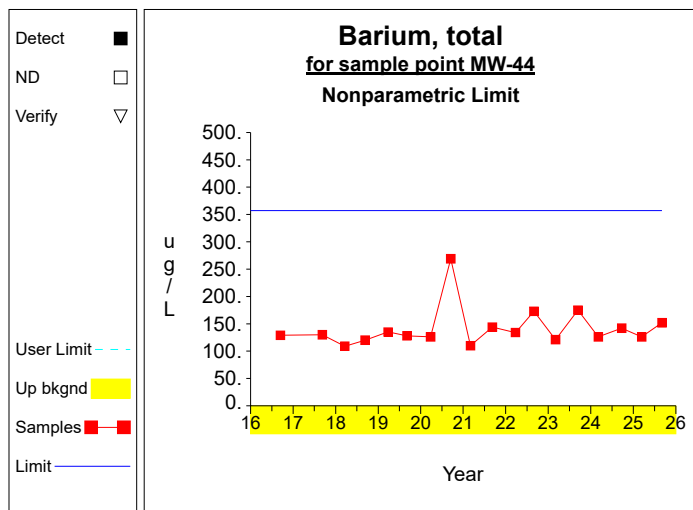


Graph 9

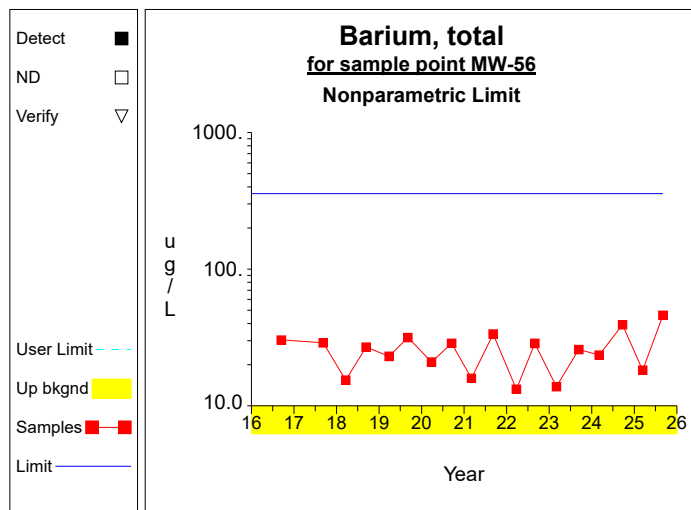


Graph 10

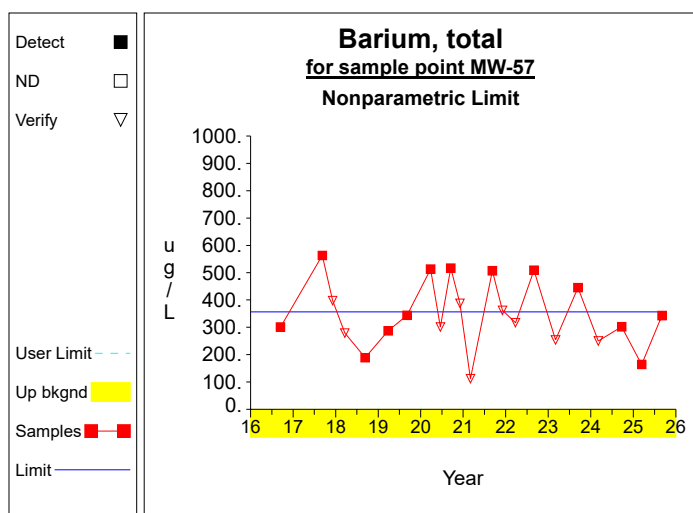
## Up vs. Down Prediction Limits



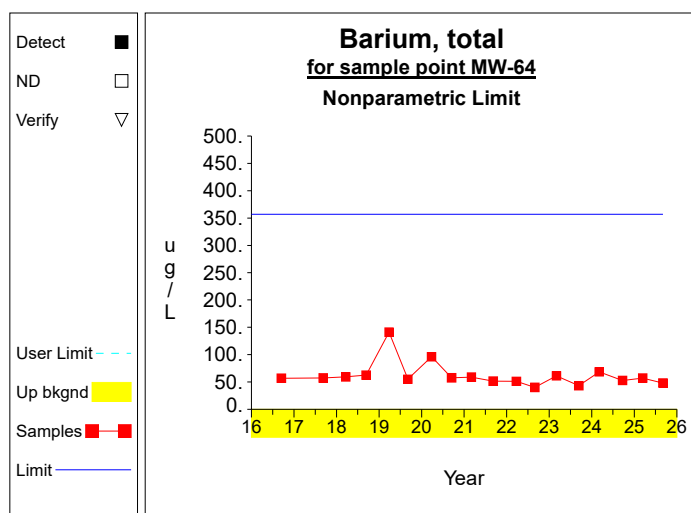
Graph 11



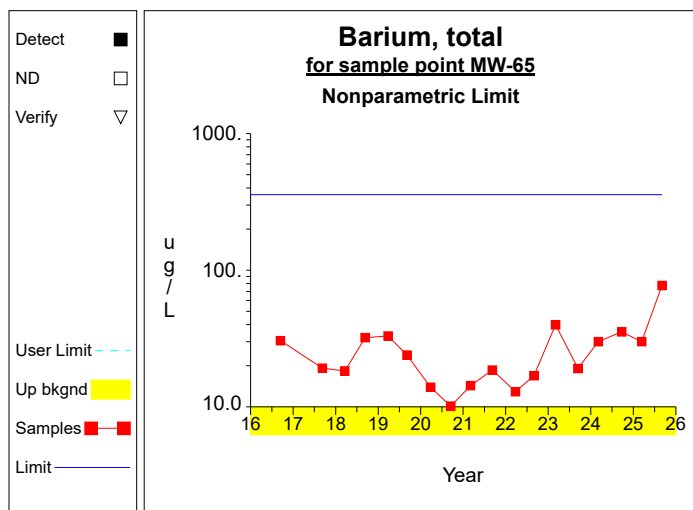
Graph 12



Graph 13

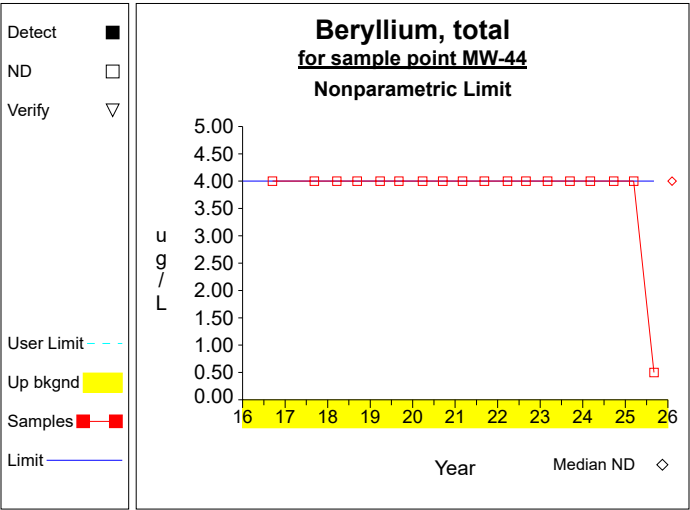


Graph 14

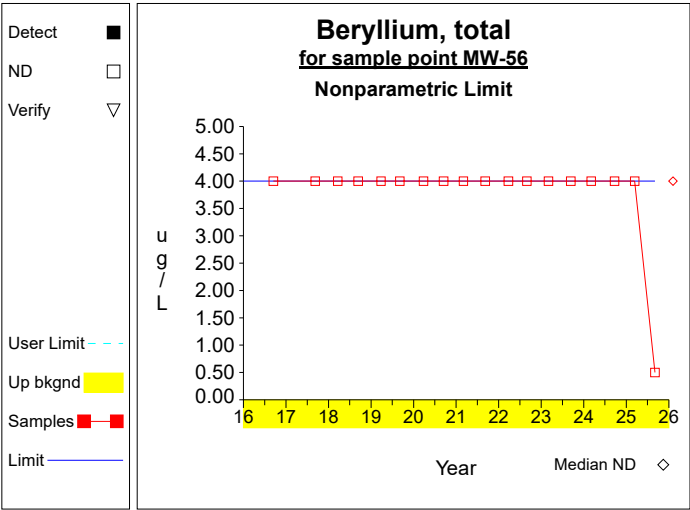


Graph 15

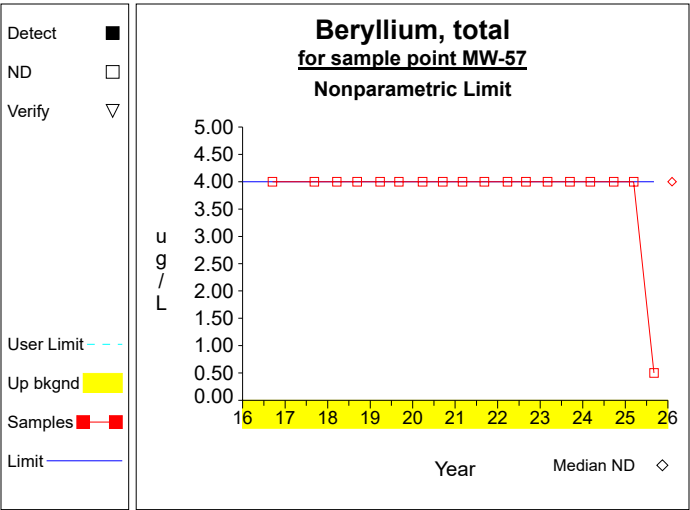
Up vs. Down Prediction Limits



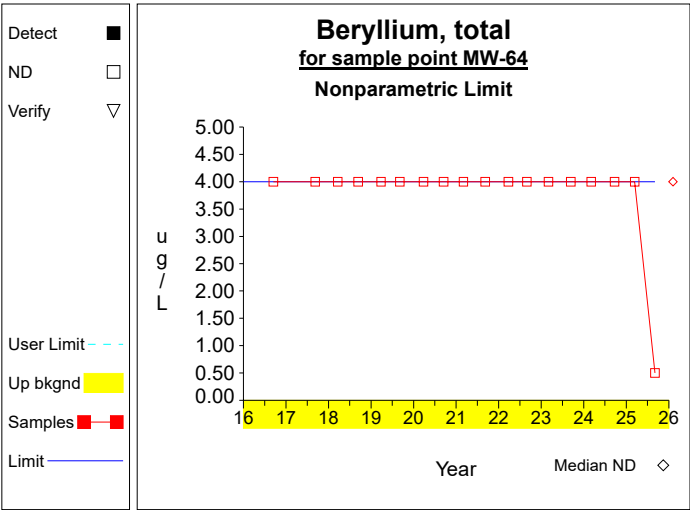
Graph 16



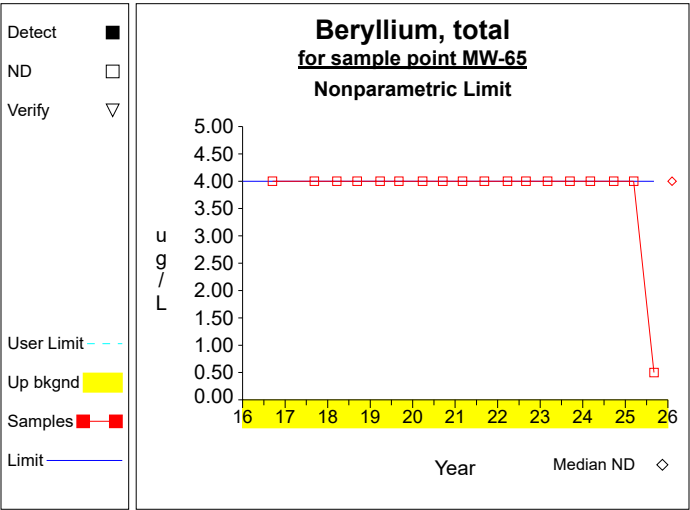
Graph 17



Graph 18

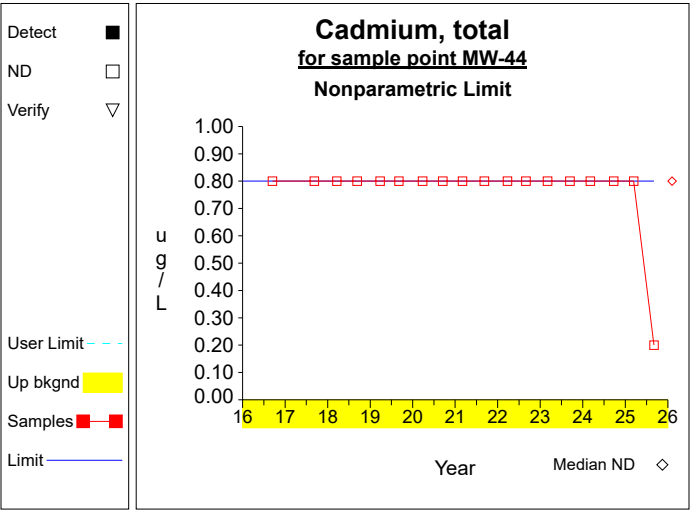


Graph 19

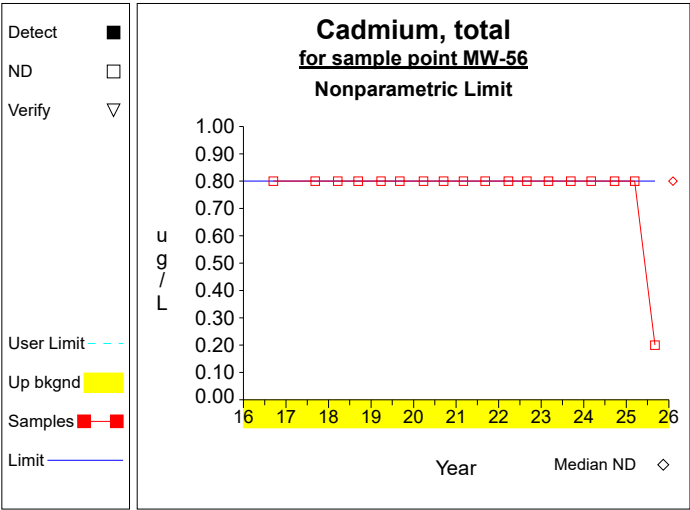


Graph 20

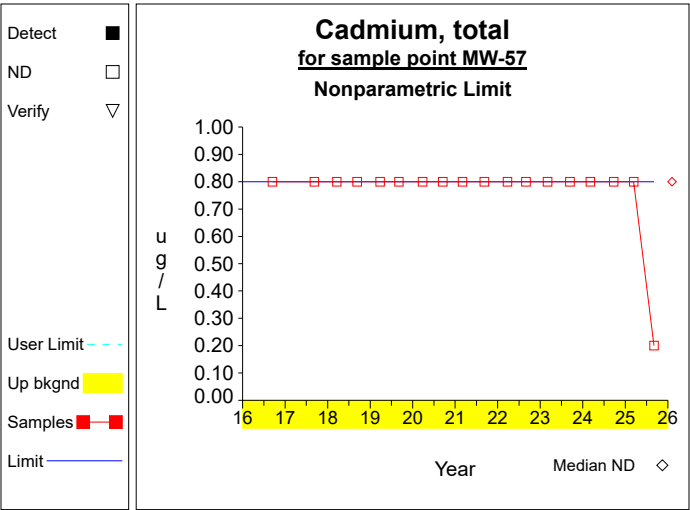
Up vs. Down Prediction Limits



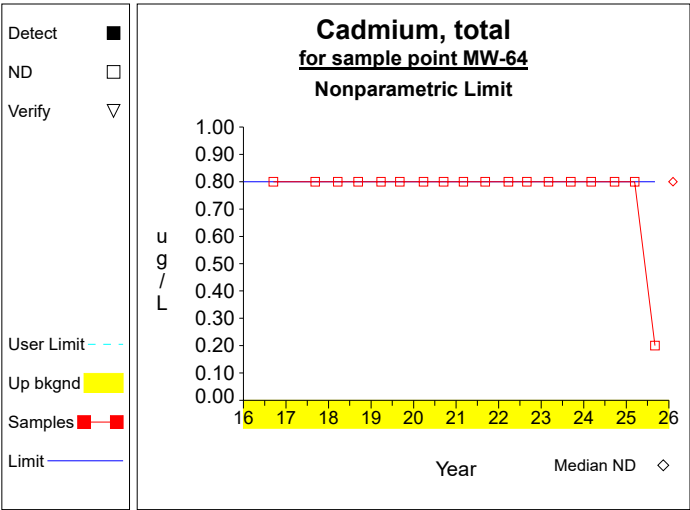
Graph 21



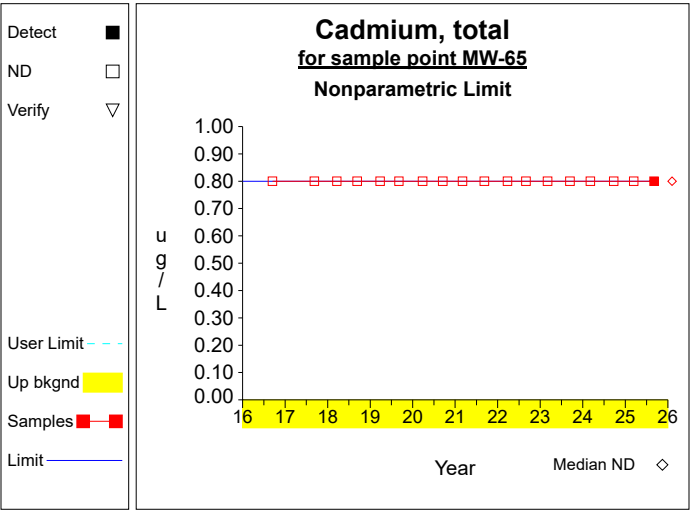
Graph 22



Graph 23

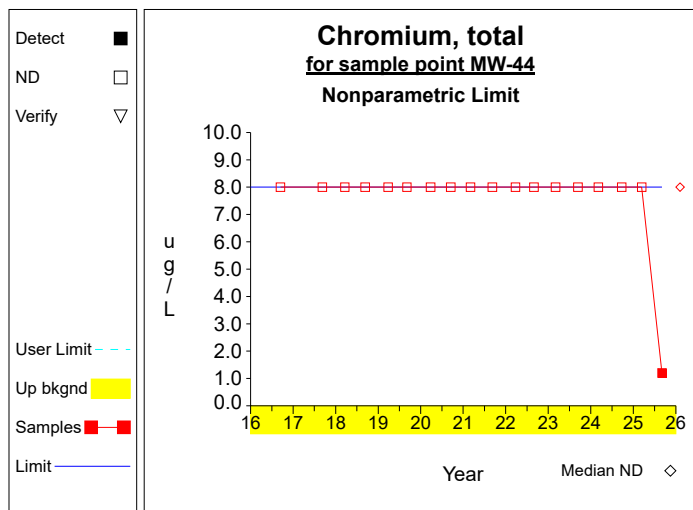


Graph 24

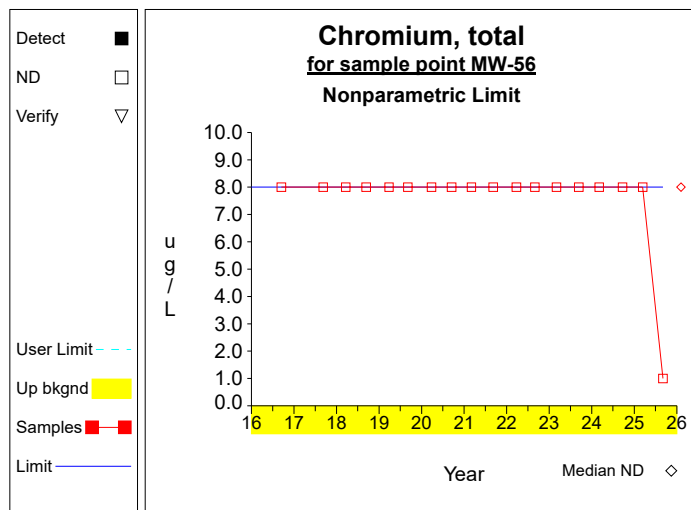


Graph 25

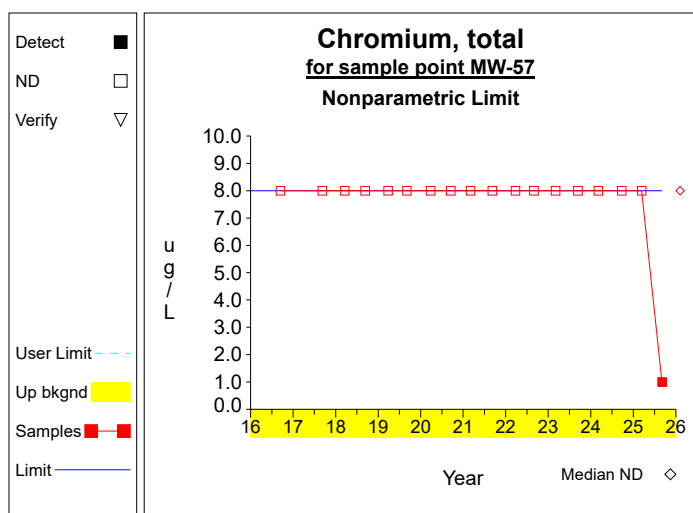
## Up vs. Down Prediction Limits



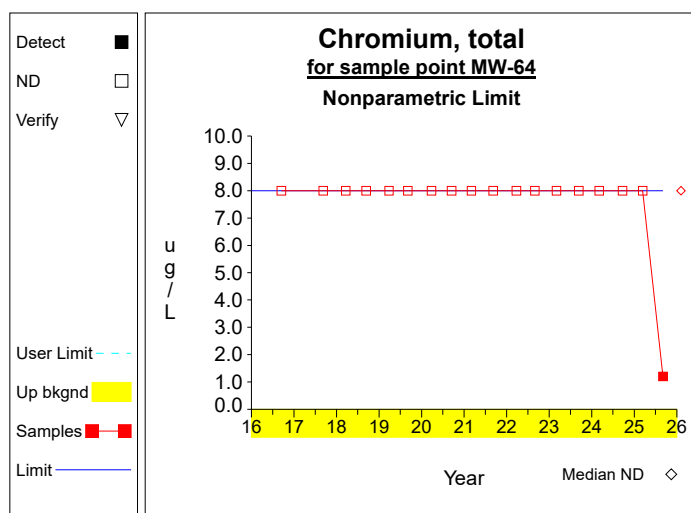
Graph 26



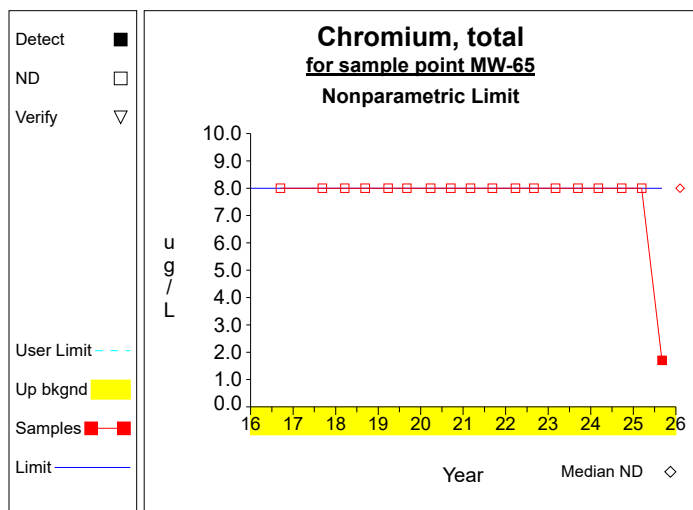
Graph 27



Graph 28

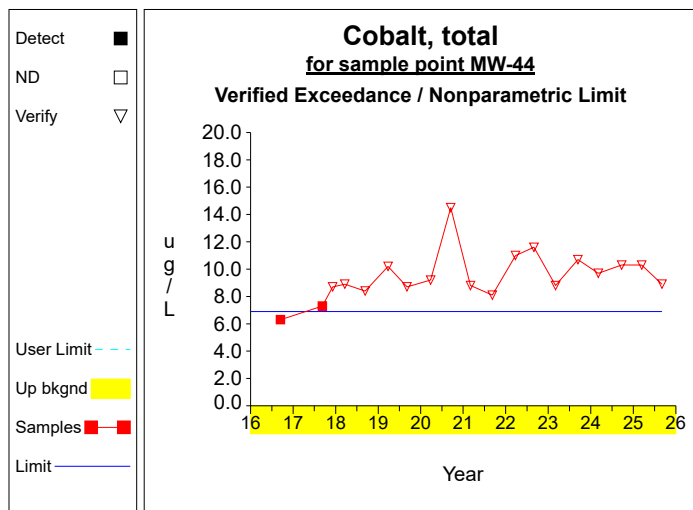


Graph 29

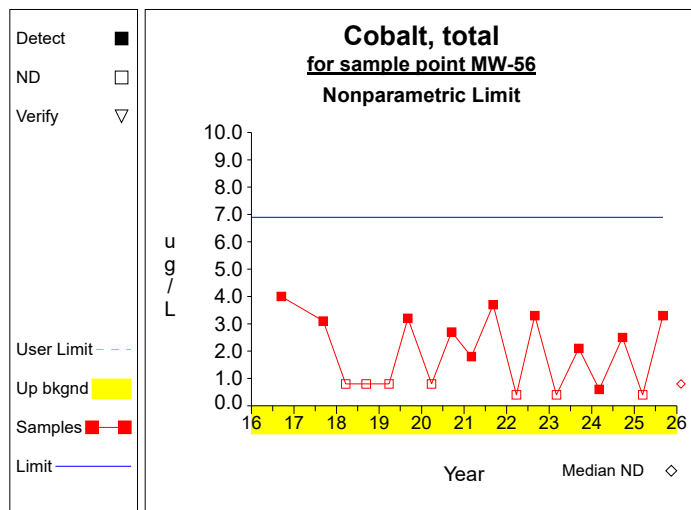


Graph 30

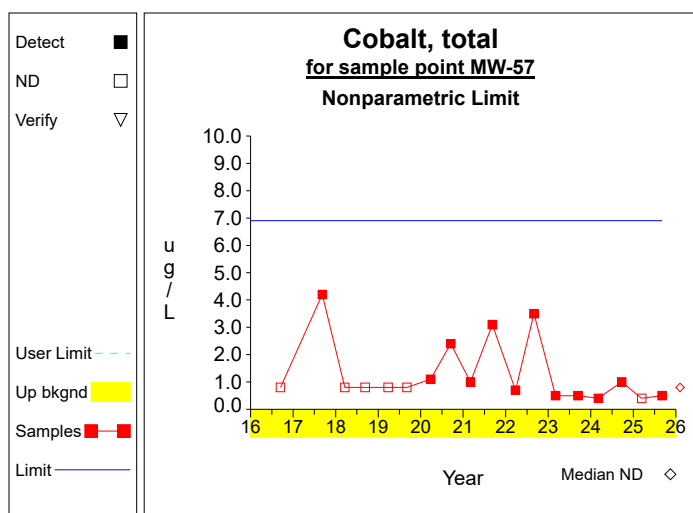
## Up vs. Down Prediction Limits



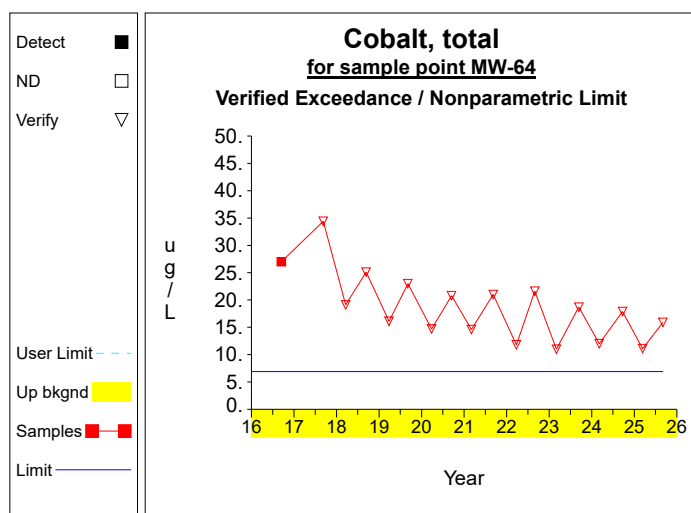
Graph 31



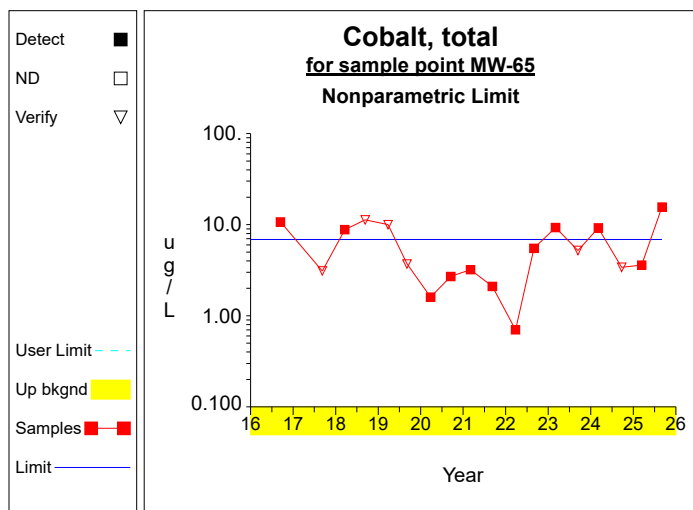
Graph 32



Graph 33



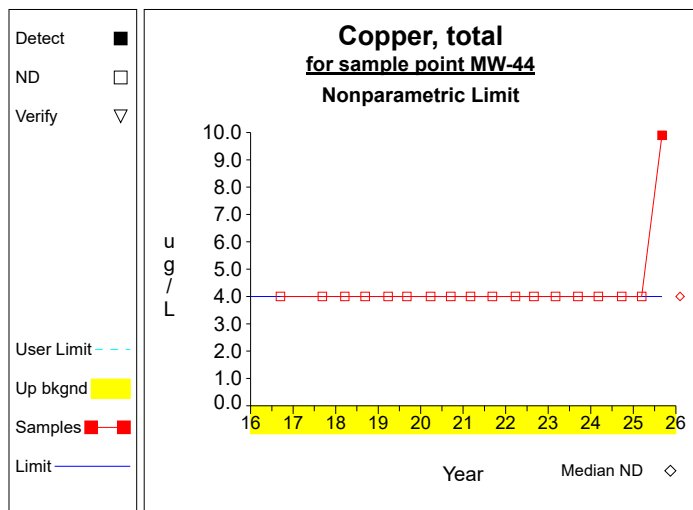
Graph 34



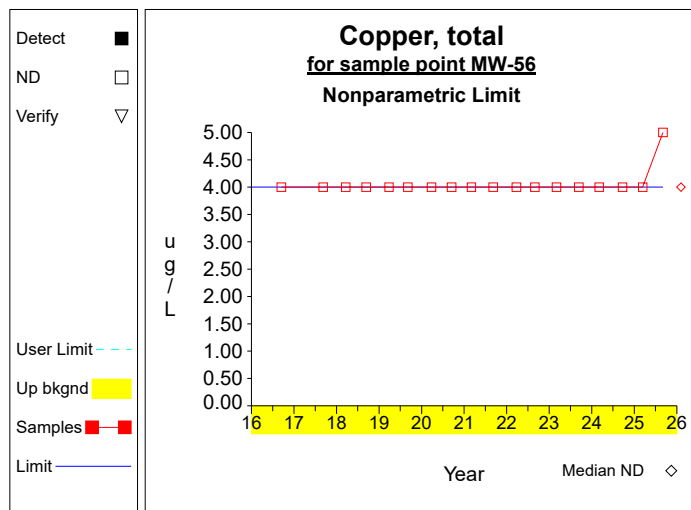
Graph 35



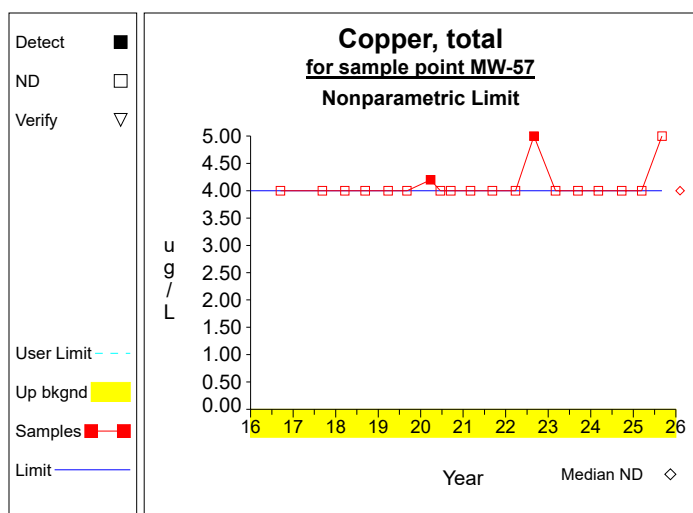
## Up vs. Down Prediction Limits



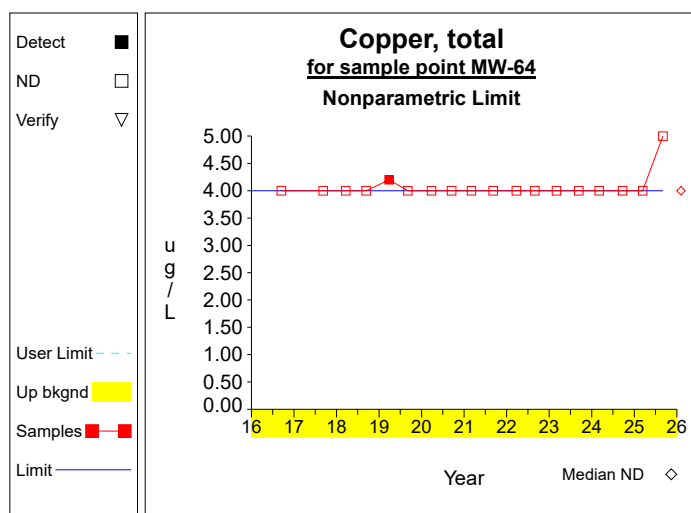
Graph 36



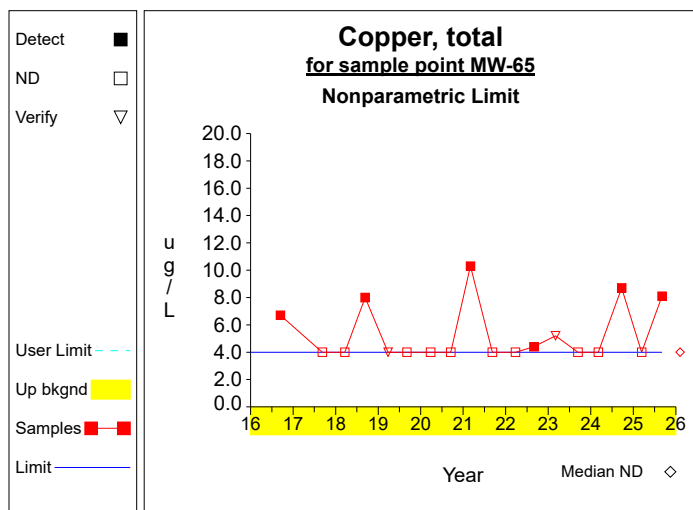
Graph 37



Graph 38

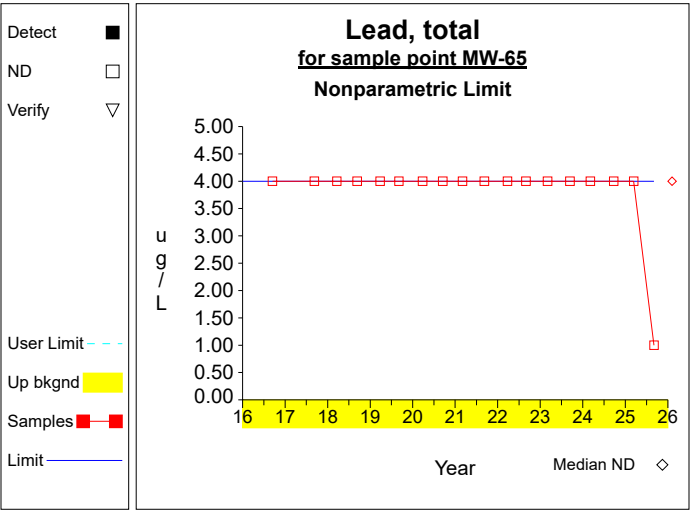
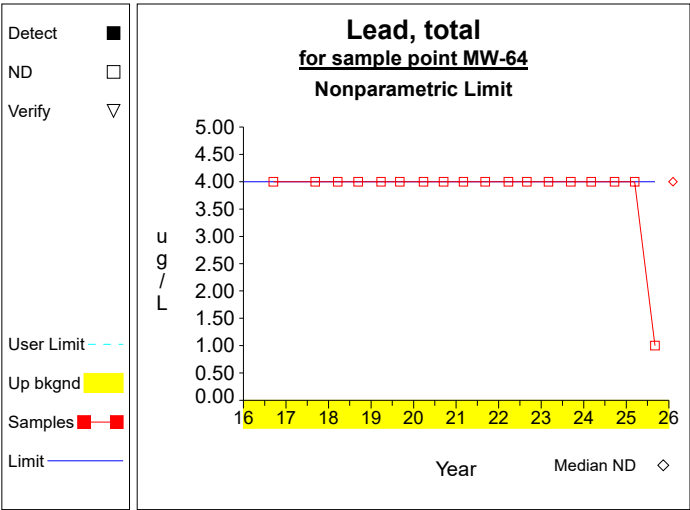
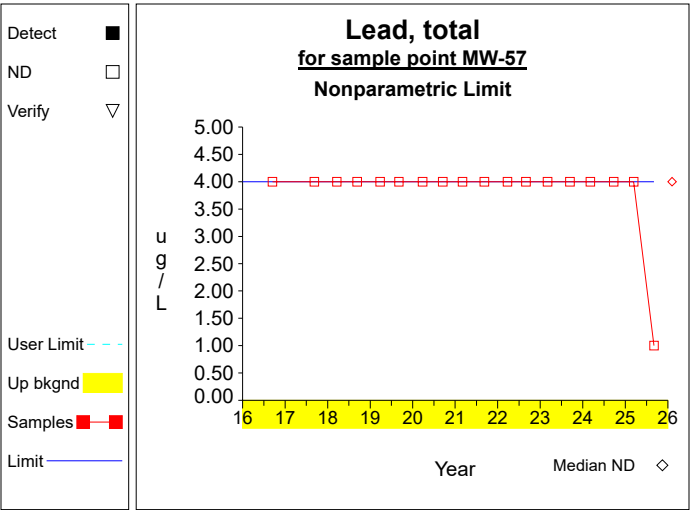
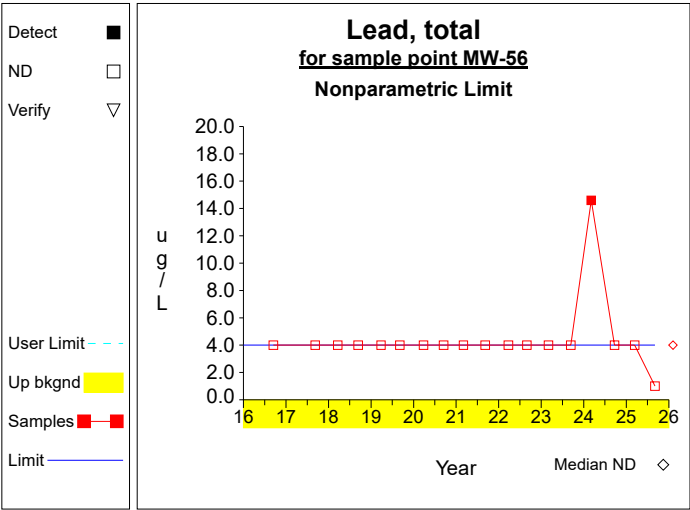
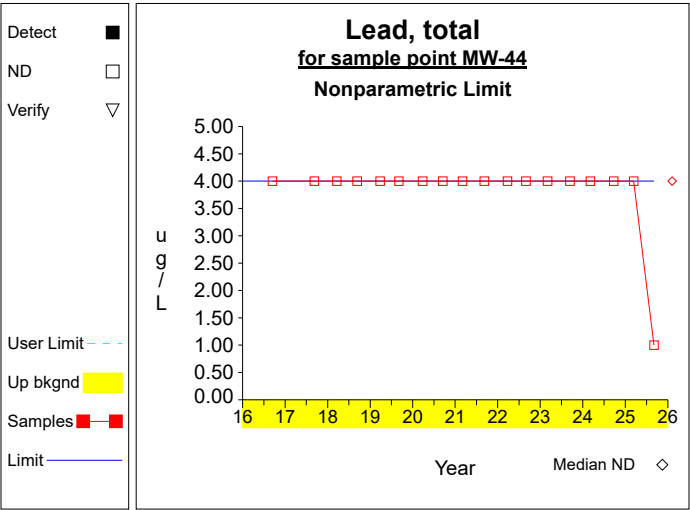


Graph 39

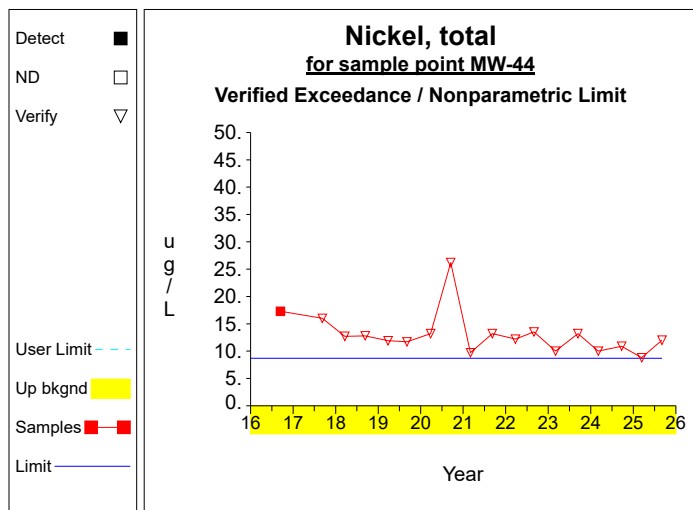


Graph 40

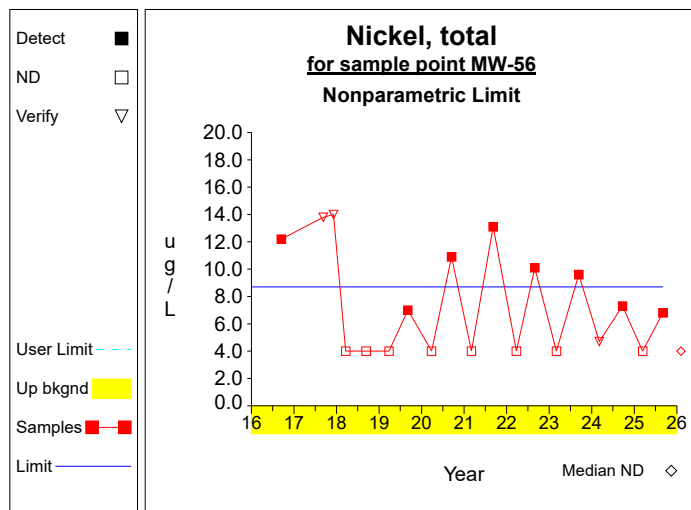
Up vs. Down Prediction Limits



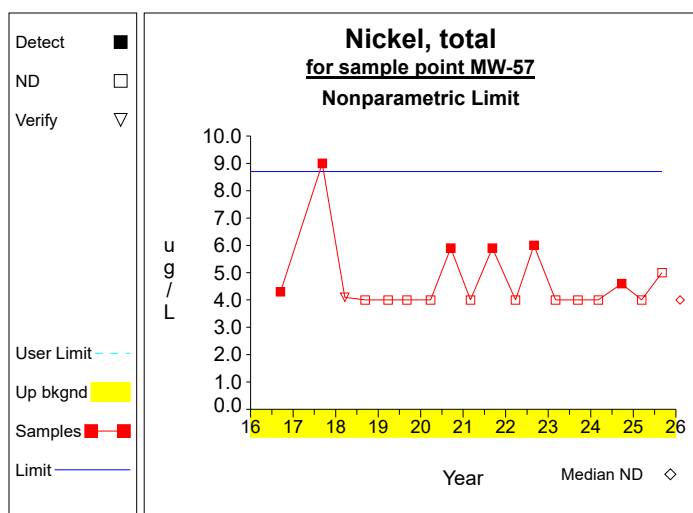
## Up vs. Down Prediction Limits



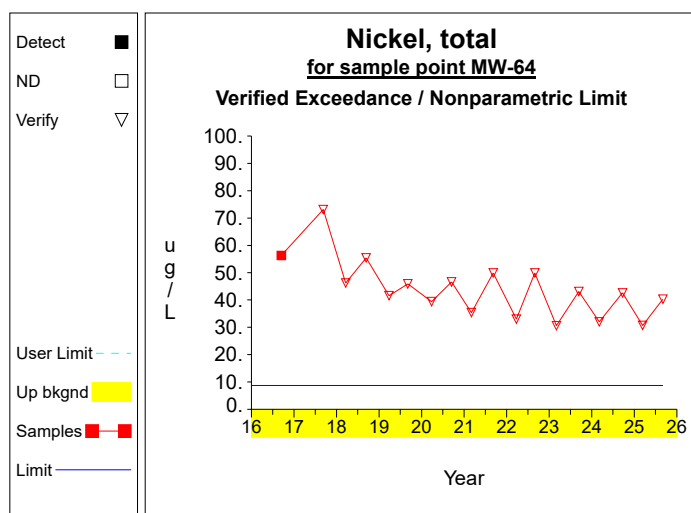
Graph 46



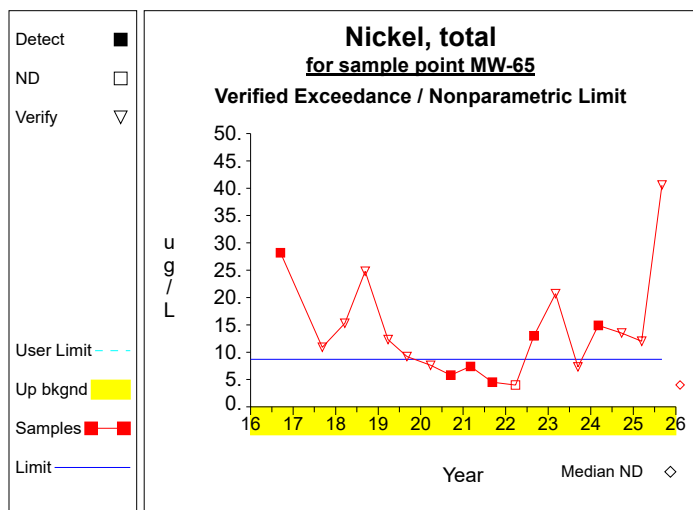
Graph 47



Graph 48

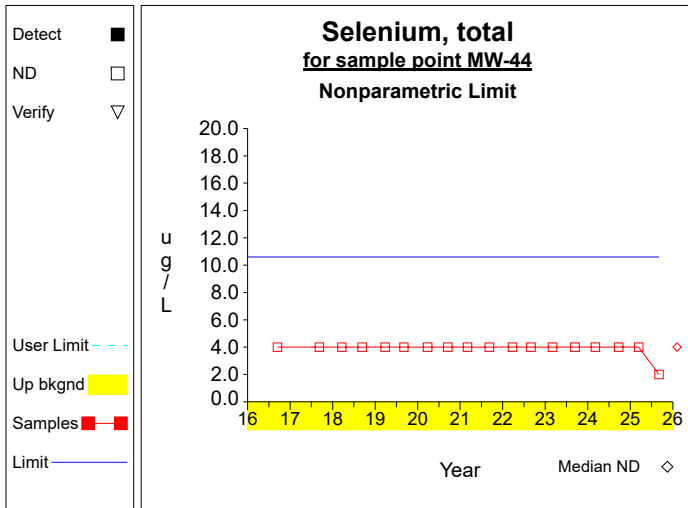


Graph 49

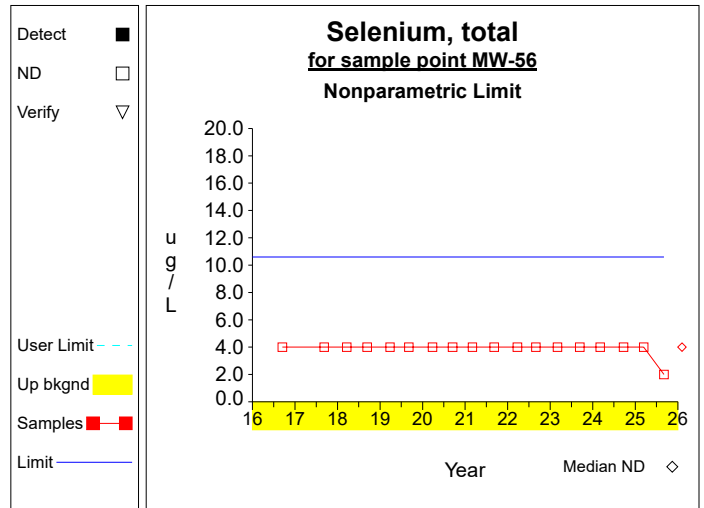


Graph 50

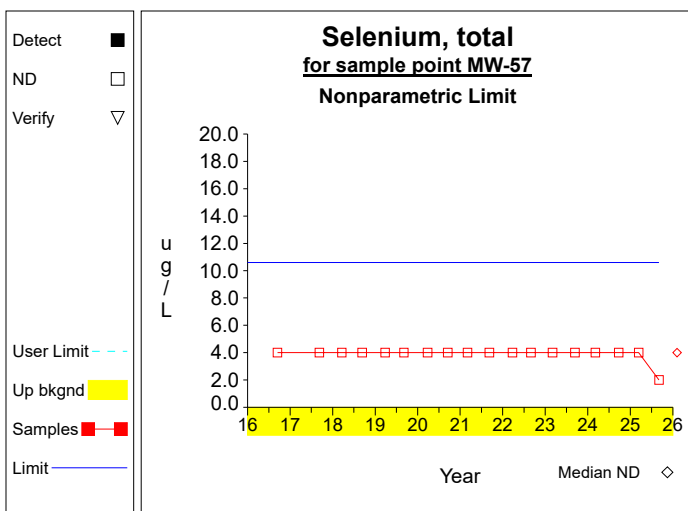
## Up vs. Down Prediction Limits



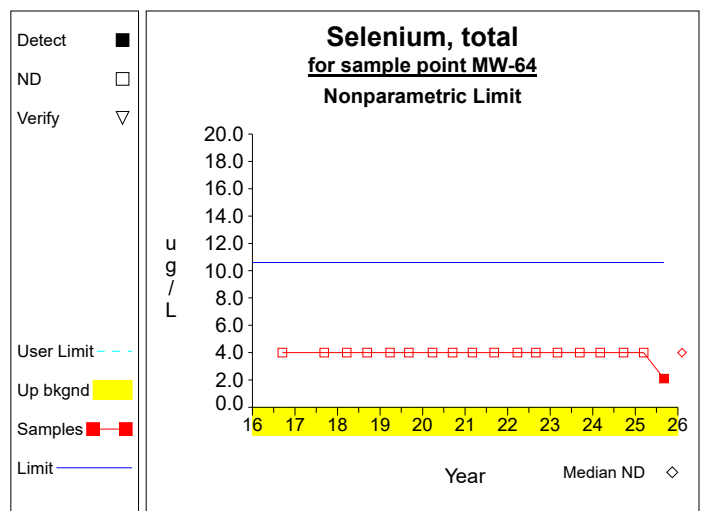
**Graph 51**



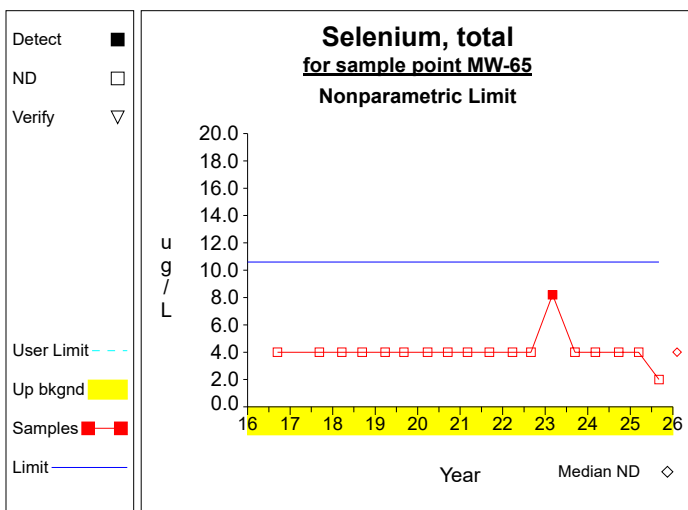
**Graph 52**



### Graph 53

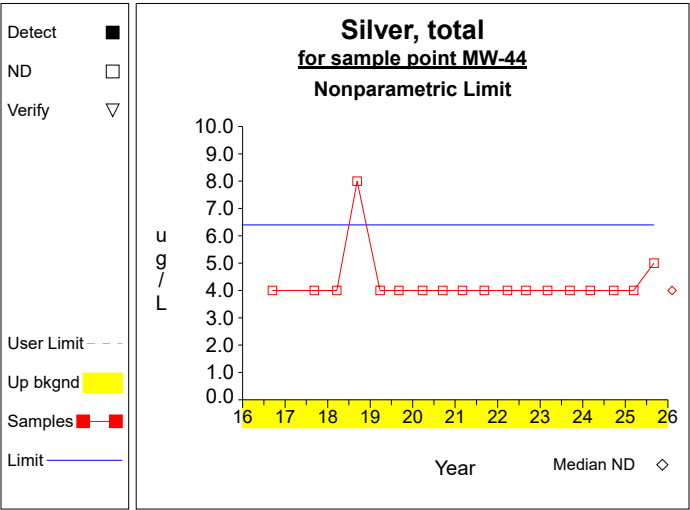


### Graph 54

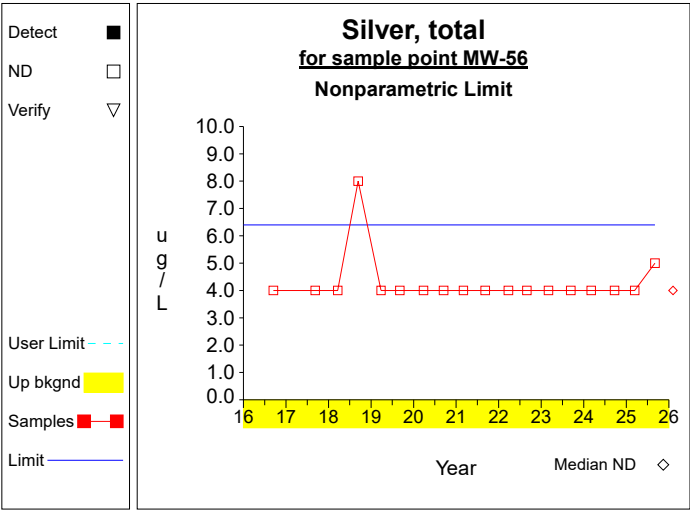


**Graph 55**

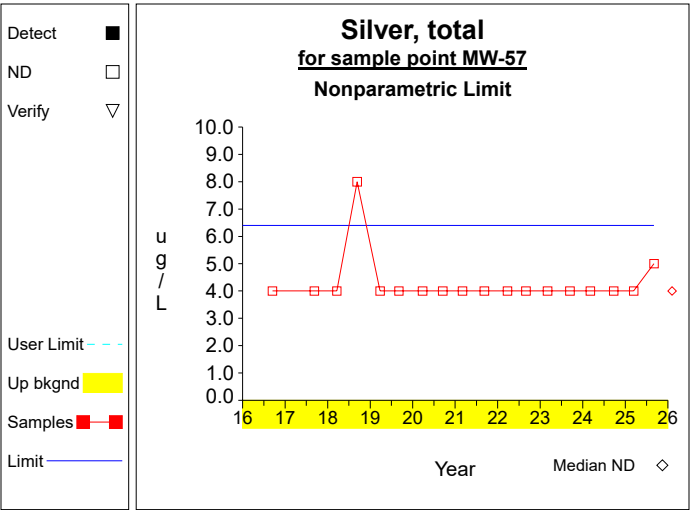
Up vs. Down Prediction Limits



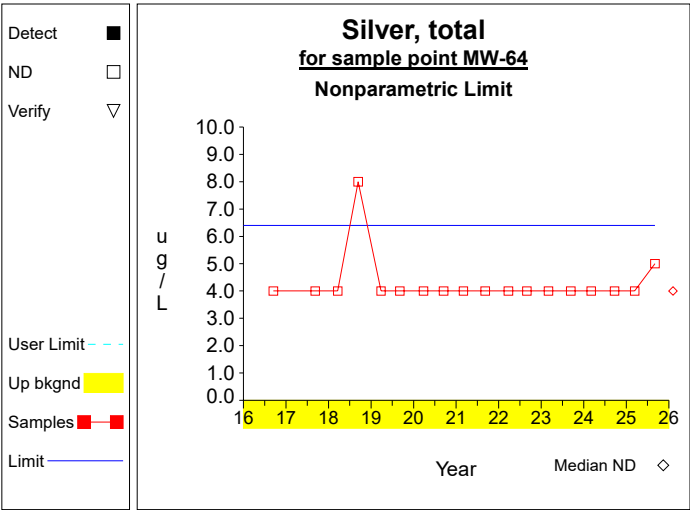
Graph 56



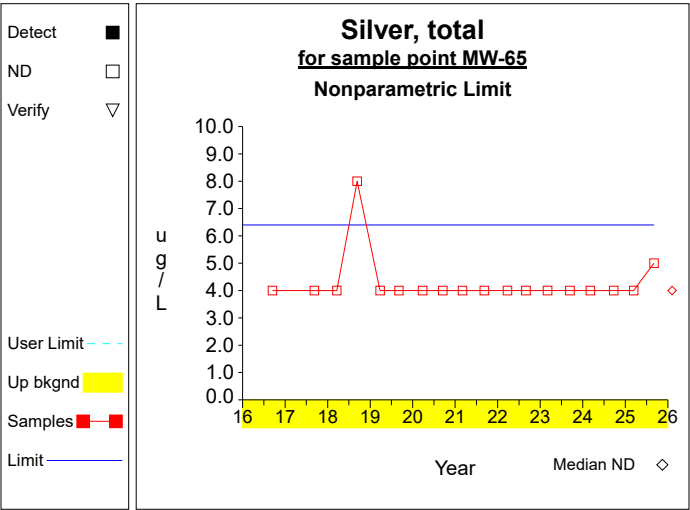
Graph 57



Graph 58

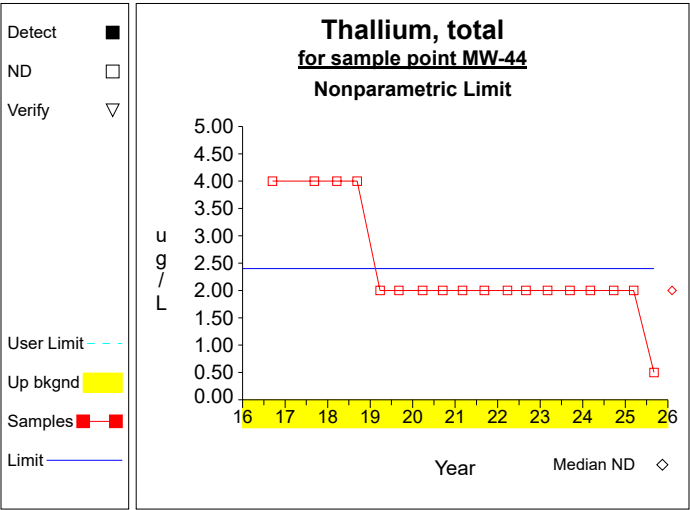


Graph 59

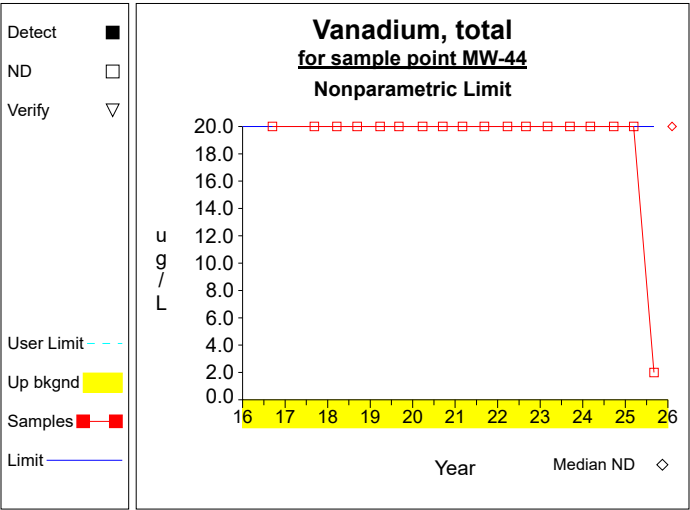


Graph 60

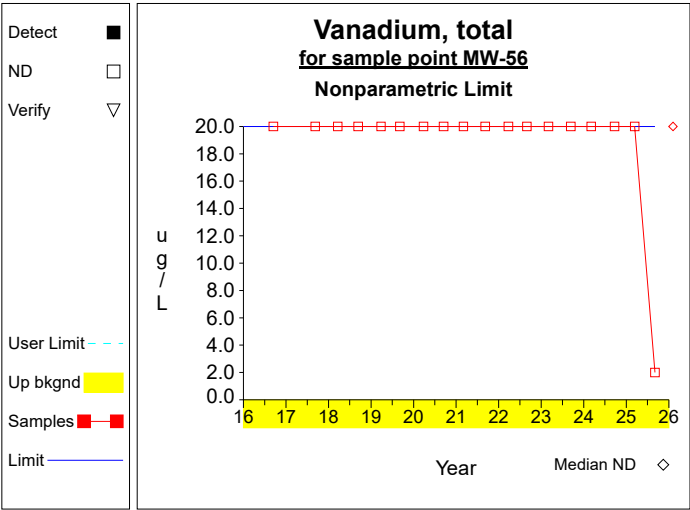
Up vs. Down Prediction Limits



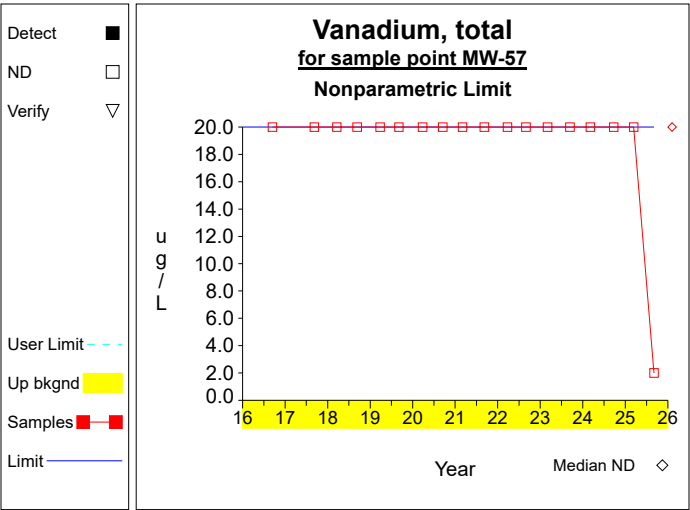
Up vs. Down Prediction Limits



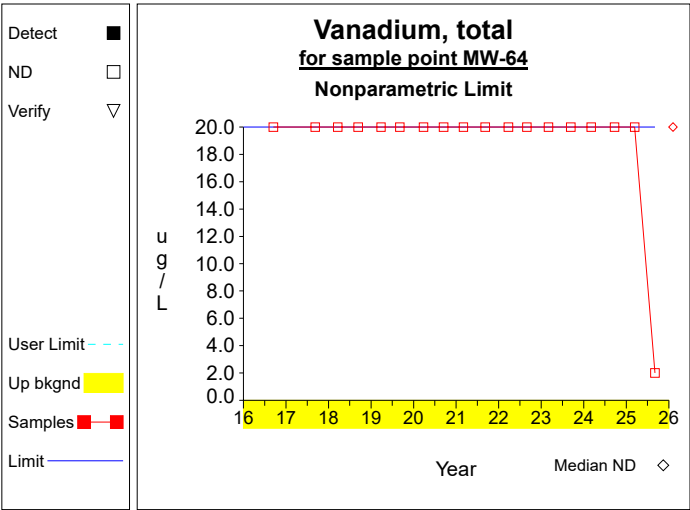
Graph 66



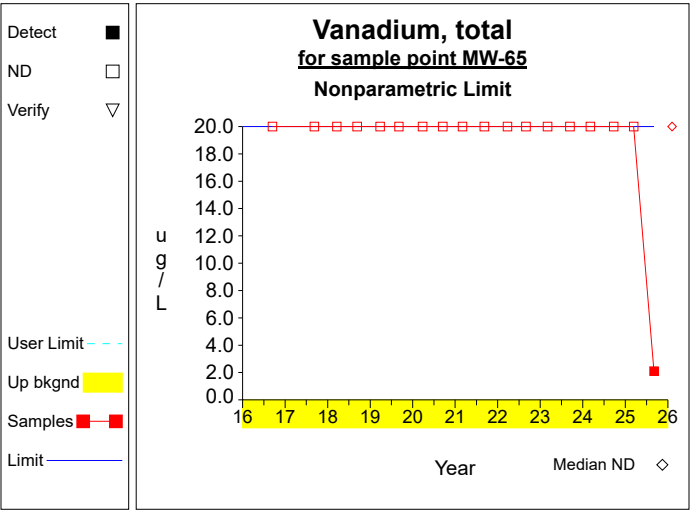
Graph 67



Graph 68

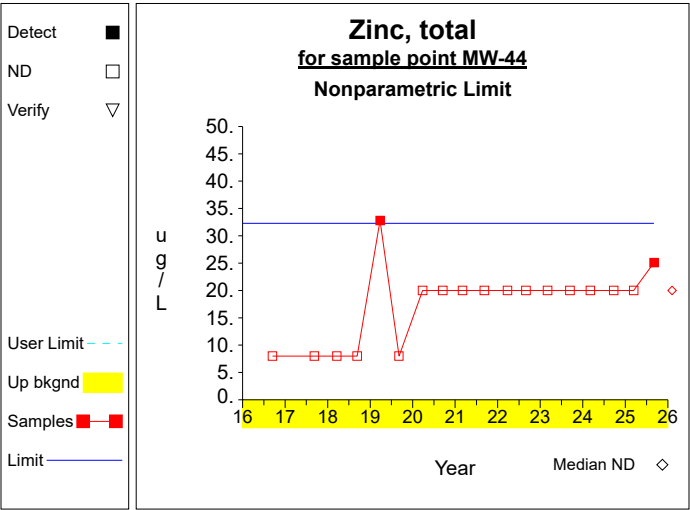


Graph 69

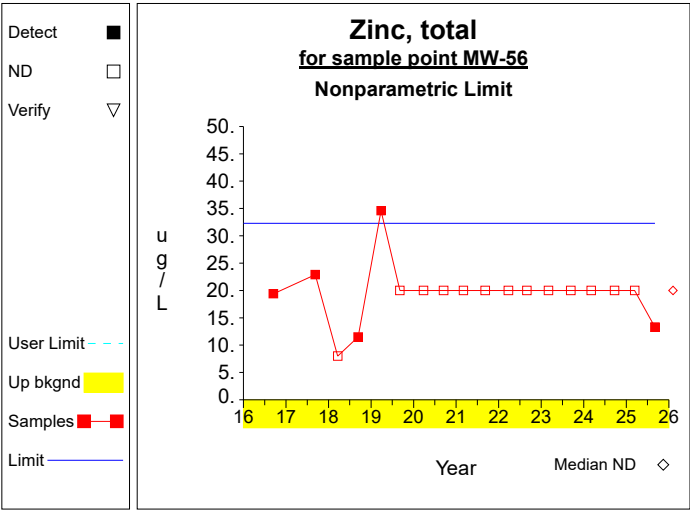


Graph 70

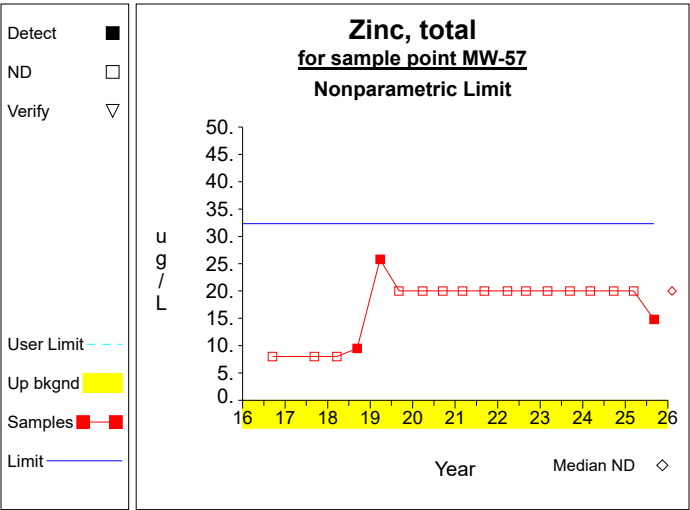
Up vs. Down Prediction Limits



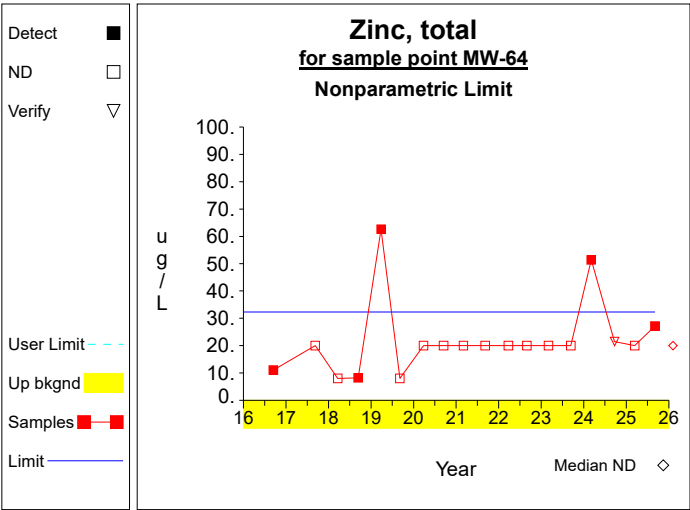
Graph 71



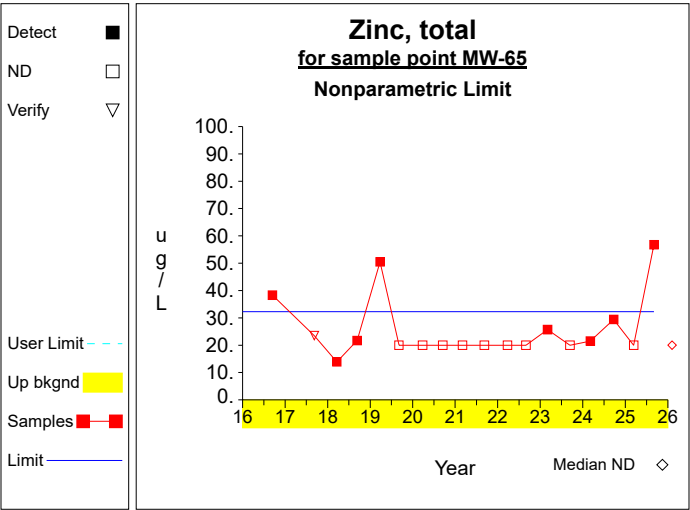
Graph 72



Graph 73



Graph 74



Graph 75



## False Positive and False Negative Rates for Current Upgradient vs. Downgradient Monitoring Program

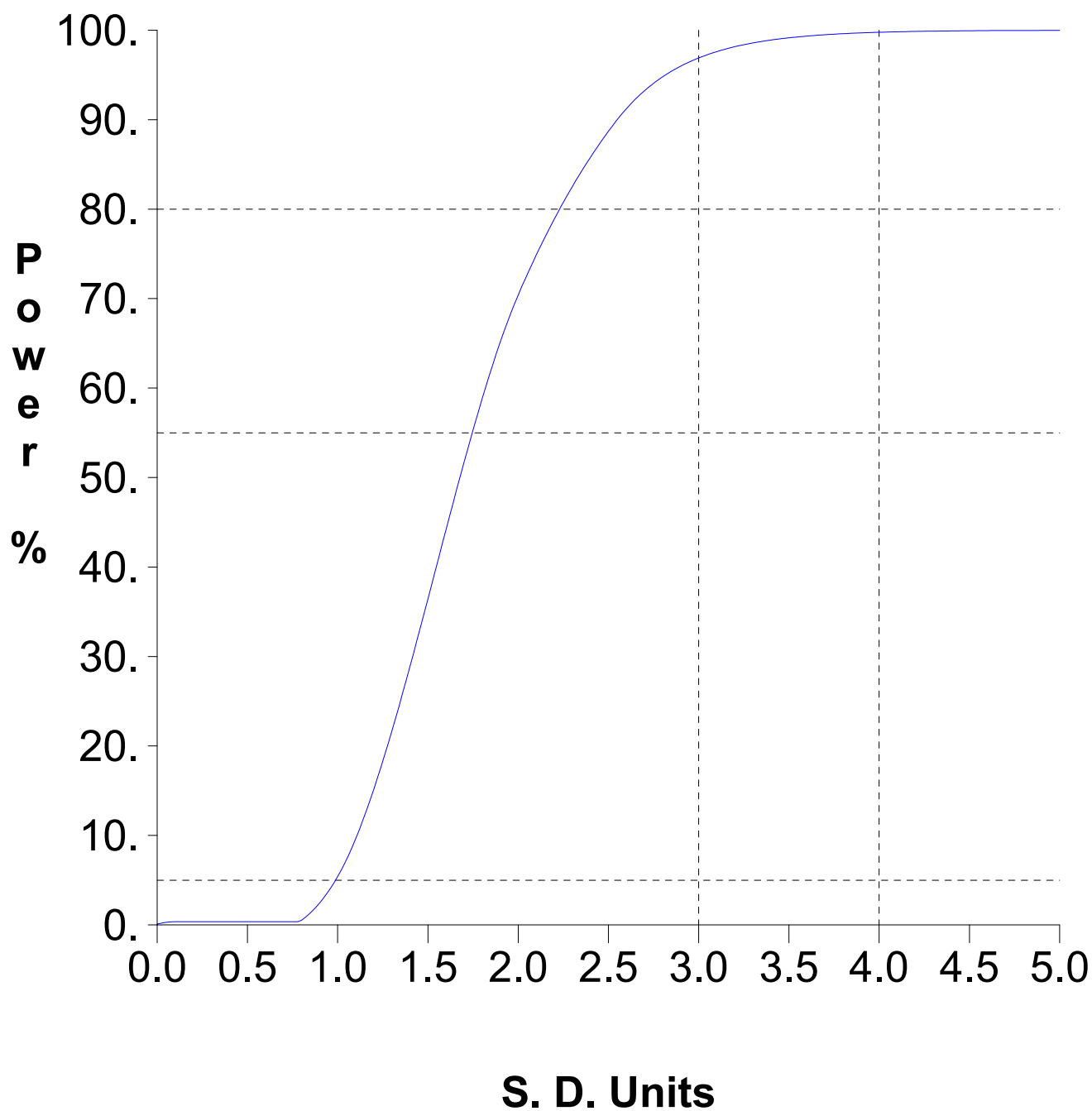


Table 1

**Confidence Intervals for Comparing the Mean of the Last  
4 Measurements to an Assessment Monitoring Standard**

| Constituent     | Units | Well  | N | Mean   | SD     | Factor | 95% LCL | 95% UCL | Standard | Trend |    |
|-----------------|-------|-------|---|--------|--------|--------|---------|---------|----------|-------|----|
| Antimony, total | ug/L  | MW-44 | 4 | 1.000  | 0.000  | 1.176  | 1.000   | 1.000   | 6.000    |       |    |
| Antimony, total | ug/L  | MW-56 | 4 | 1.300  | 0.600  | 1.176  | 0.594   | 2.006   | 6.000    |       |    |
| Antimony, total | ug/L  | MW-57 | 4 | 1.000  | 0.000  | 1.176  | 1.000   | 1.000   | 6.000    |       |    |
| Antimony, total | ug/L  | MW-64 | 4 | 1.000  | 0.000  | 1.176  | 1.000   | 1.000   | 6.000    |       |    |
| Antimony, total | ug/L  | MW-65 | 4 | 1.000  | 0.000  | 1.176  | 1.000   | 1.000   | 6.000    |       |    |
| Arsenic, total  | ug/L  | MW-44 | 4 | 7.600  | 3.504  | 1.176  | 3.478   | 11.722  | 10.000   |       |    |
| Arsenic, total  | ug/L  | MW-56 | 4 | 2.000  | 0.000  | 1.176  | 2.000   | 2.000   | 10.000   |       |    |
| Arsenic, total  | ug/L  | MW-57 | 4 | 2.000  | 0.000  | 1.176  | 2.000   | 2.000   | 10.000   |       |    |
| Arsenic, total  | ug/L  | MW-64 | 4 | 27.350 | 3.325  | 1.176  | 23.439  | 31.261  | 10.000   |       | ** |
| Arsenic, total  | ug/L  | MW-65 | 4 | 8.025  | 3.761  | 1.176  | 3.601   | 12.449  | 10.000   |       |    |
| Cadmium, total  | ug/L  | MW-44 | 4 | 0.400  | 0.000  | 1.176  | 0.400   | 0.400   | 5.000    |       |    |
| Cadmium, total  | ug/L  | MW-56 | 4 | 0.400  | 0.000  | 1.176  | 0.400   | 0.400   | 5.000    |       |    |
| Cadmium, total  | ug/L  | MW-57 | 4 | 0.400  | 0.000  | 1.176  | 0.400   | 0.400   | 5.000    |       |    |
| Cadmium, total  | ug/L  | MW-64 | 4 | 0.400  | 0.000  | 1.176  | 0.400   | 0.400   | 5.000    |       |    |
| Cadmium, total  | ug/L  | MW-65 | 4 | 0.500  | 0.200  | 1.176  | 0.265   | 0.735   | 5.000    |       |    |
| Cobalt, total   | ug/L  | MW-44 | 4 | 9.800  | 0.663  | 1.176  | 9.020   | 10.580  | 2.100    |       | ** |
| Cobalt, total   | ug/L  | MW-56 | 4 | 1.700  | 1.426  | 1.176  | 0.023   | 3.377   | 2.100    |       |    |
| Cobalt, total   | ug/L  | MW-57 | 4 | 0.575  | 0.287  | 1.176  | 0.237   | 0.913   | 2.100    |       |    |
| Cobalt, total   | ug/L  | MW-64 | 4 | 14.225 | 3.216  | 1.176  | 10.442  | 18.008  | 2.100    | dec   | ** |
| Cobalt, total   | ug/L  | MW-65 | 4 | 7.950  | 5.765  | 1.176  | 1.169   | 14.731  | 2.100    |       |    |
| Copper, total   | ug/L  | MW-44 | 4 | 3.975  | 3.950  | 1.176  | 0.000   | 8.621   | 1300.000 |       |    |
| Copper, total   | ug/L  | MW-56 | 4 | 2.000  | 0.000  | 1.176  | 2.000   | 2.000   | 1300.000 |       |    |
| Copper, total   | ug/L  | MW-57 | 4 | 2.000  | 0.000  | 1.176  | 2.000   | 2.000   | 1300.000 |       |    |
| Copper, total   | ug/L  | MW-64 | 4 | 2.000  | 0.000  | 1.176  | 2.000   | 2.000   | 1300.000 |       |    |
| Copper, total   | ug/L  | MW-65 | 4 | 5.200  | 3.703  | 1.176  | 0.844   | 9.556   | 1300.000 |       |    |
| Nickel, total   | ug/L  | MW-44 | 4 | 10.425 | 1.357  | 1.176  | 8.828   | 12.022  | 100.000  |       |    |
| Nickel, total   | ug/L  | MW-56 | 4 | 5.200  | 2.412  | 1.176  | 2.362   | 8.038   | 100.000  |       |    |
| Nickel, total   | ug/L  | MW-57 | 4 | 2.650  | 1.300  | 1.176  | 1.121   | 4.179   | 100.000  |       |    |
| Nickel, total   | ug/L  | MW-64 | 4 | 36.400 | 5.930  | 1.176  | 29.424  | 43.376  | 100.000  | dec   |    |
| Nickel, total   | ug/L  | MW-65 | 4 | 20.250 | 13.618 | 1.176  | 4.231   | 36.269  | 100.000  |       |    |
| Zinc, total     | ug/L  | MW-44 | 4 | 13.775 | 7.550  | 1.176  | 4.894   | 22.656  | 2000.000 |       |    |
| Zinc, total     | ug/L  | MW-56 | 4 | 10.825 | 1.650  | 1.176  | 8.884   | 12.766  | 2000.000 |       |    |
| Zinc, total     | ug/L  | MW-57 | 4 | 11.200 | 2.400  | 1.176  | 8.377   | 14.023  | 2000.000 |       |    |
| Zinc, total     | ug/L  | MW-64 | 4 | 27.525 | 17.450 | 1.176  | 6.998   | 48.052  | 2000.000 |       |    |
| Zinc, total     | ug/L  | MW-65 | 4 | 29.425 | 19.913 | 1.176  | 6.002   | 52.848  | 2000.000 |       |    |

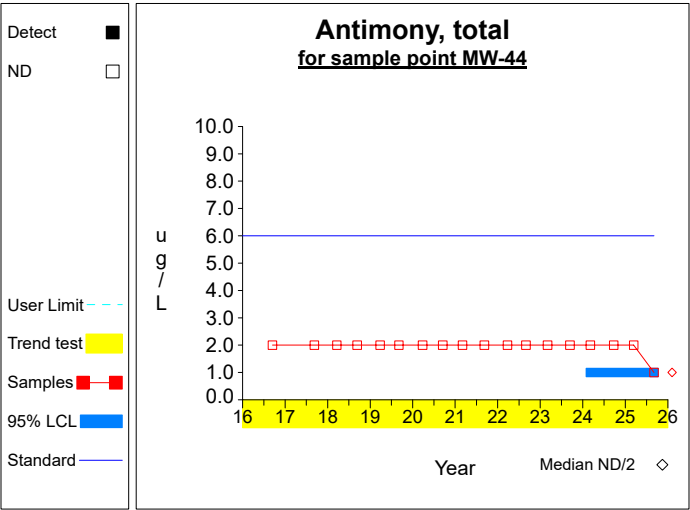
\* - Insufficient Data

\*\* - Significant Exceedance

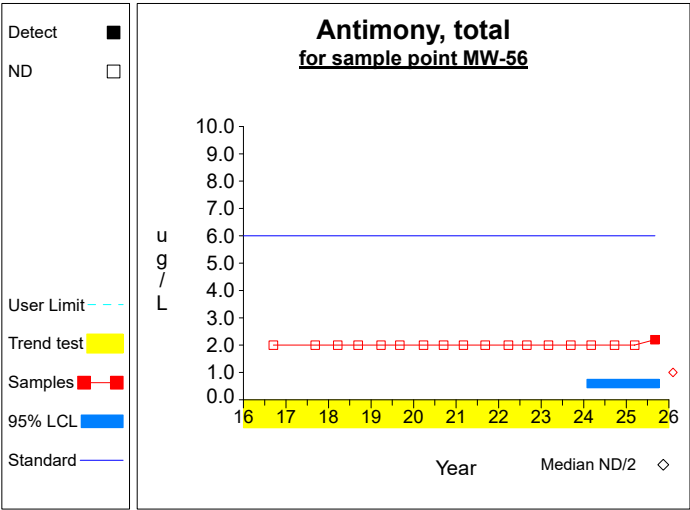
LCL = Lower Confidence Limit

UCL = Upper Confidence Limit

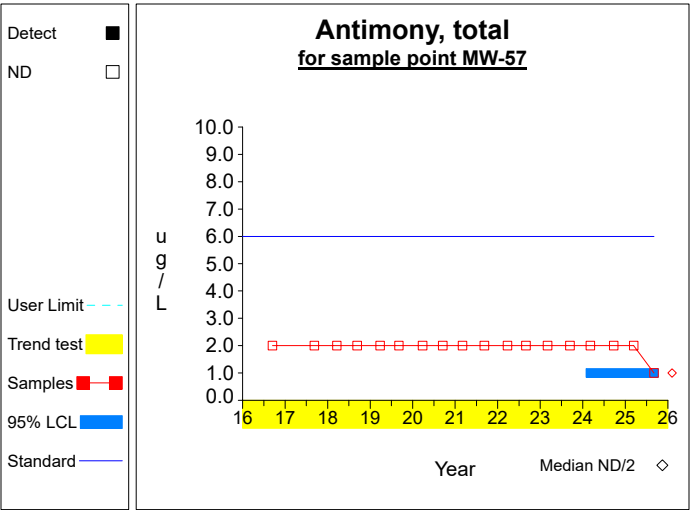
Confidence Limits (Assessment)



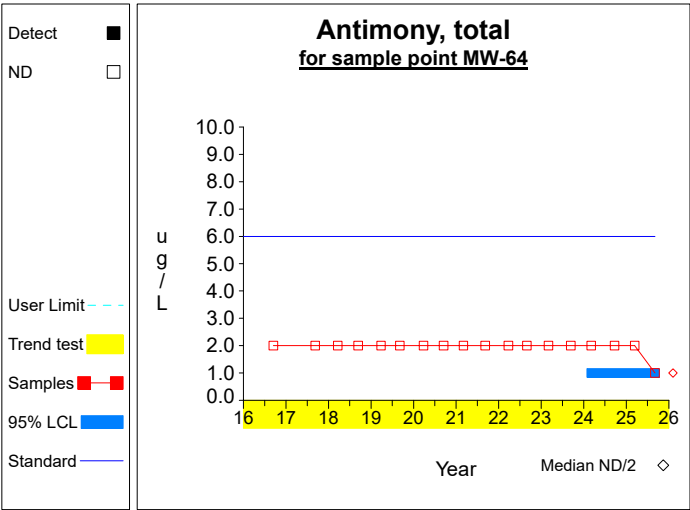
Graph 1



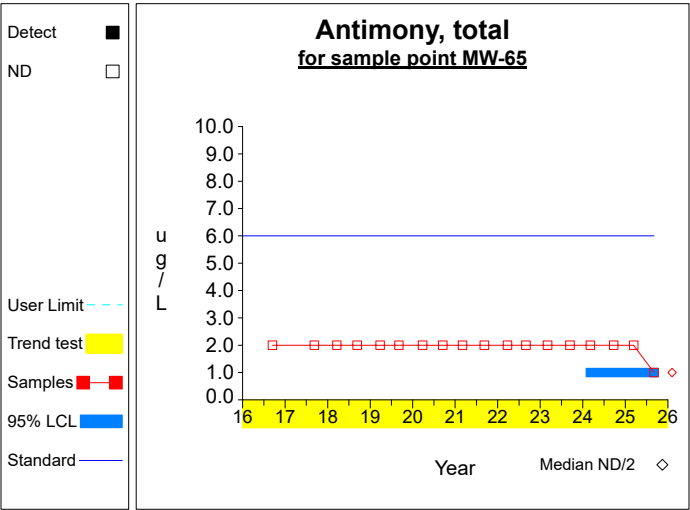
Graph 2



Graph 3

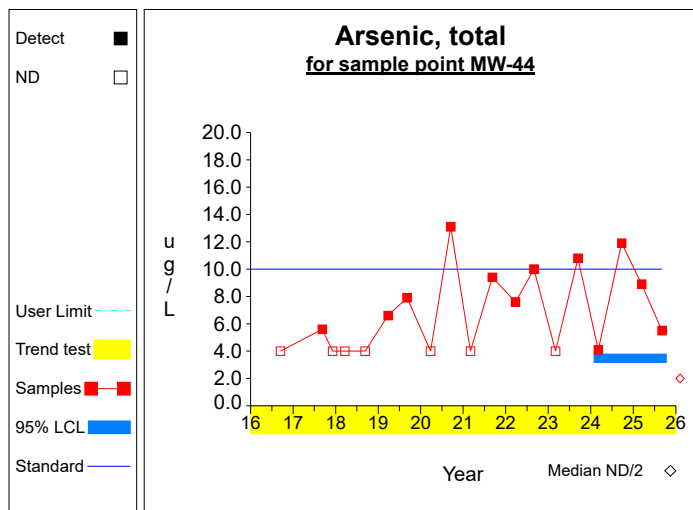


Graph 4

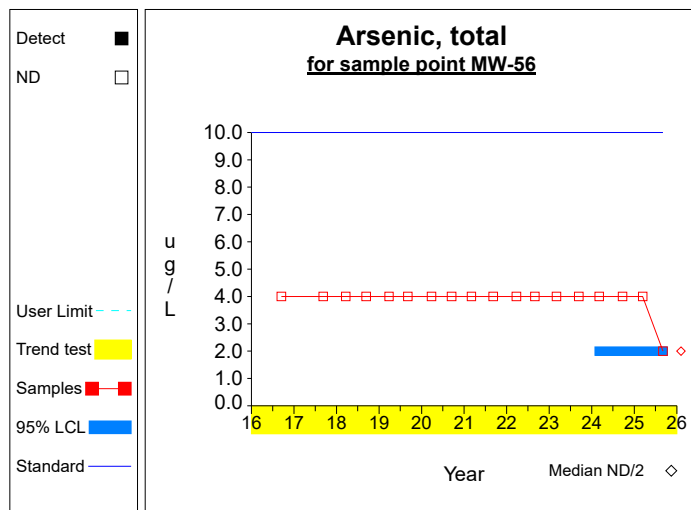


Graph 5

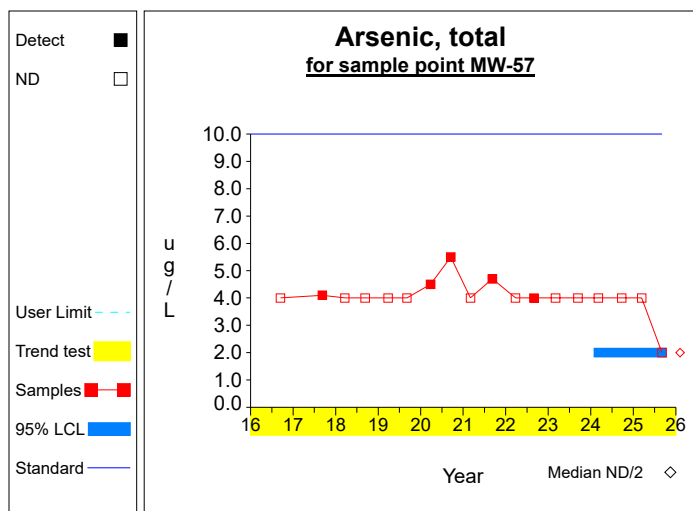
## Confidence Limits (Assessment)



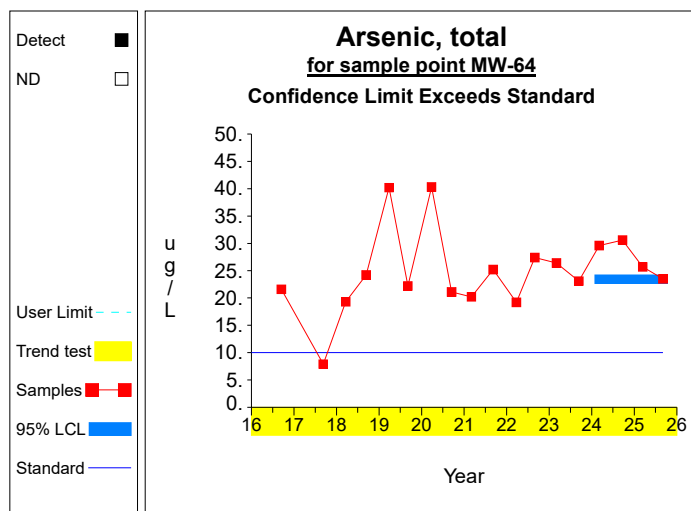
**Graph 6**



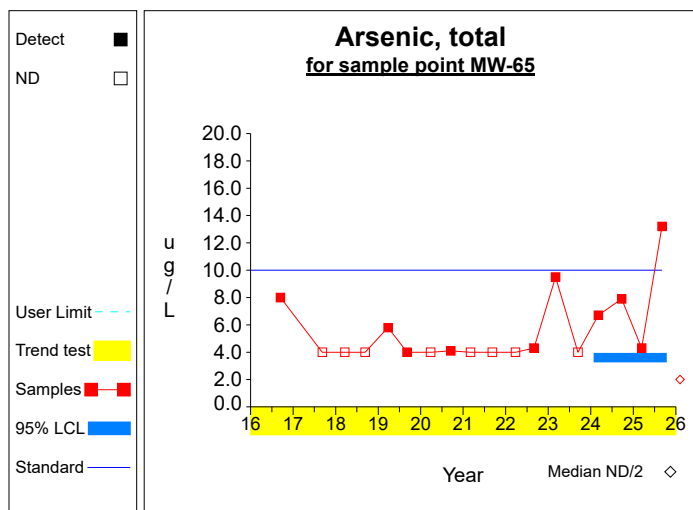
**Graph 7**



**Graph 8**

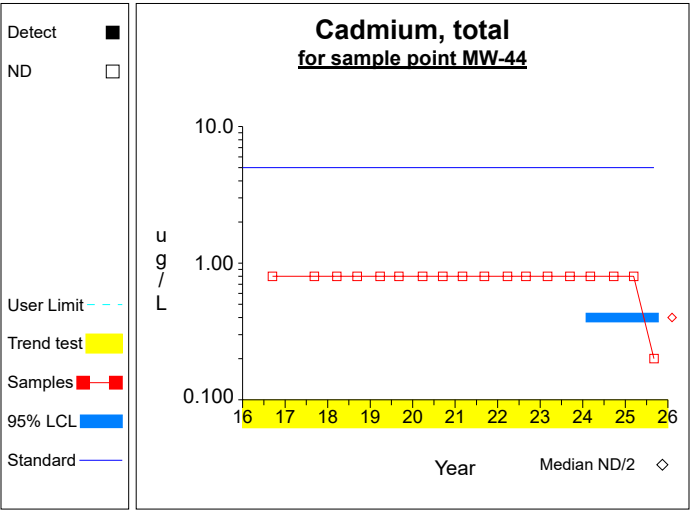


**Graph 9**

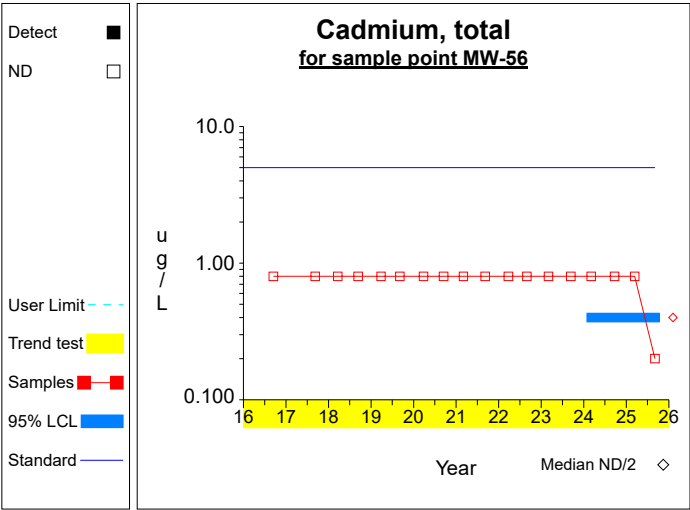


**Graph 10**

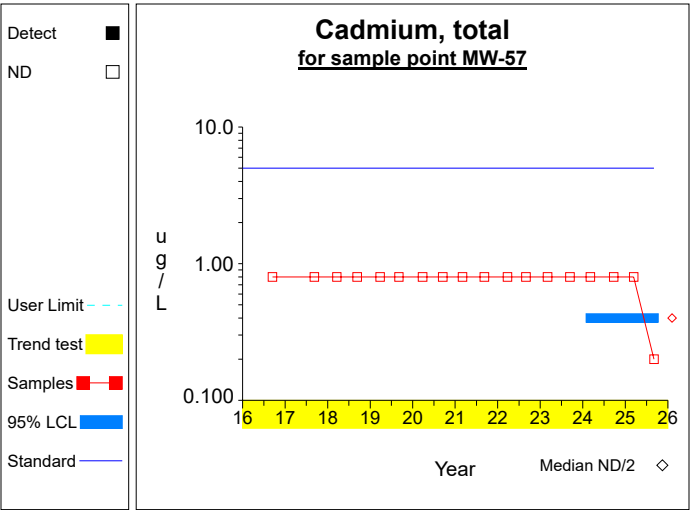
**Confidence Limits (Assessment)**



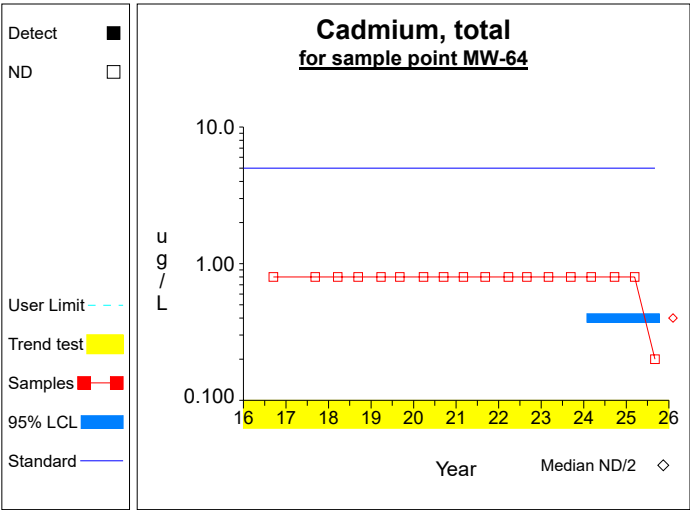
**Graph 11**



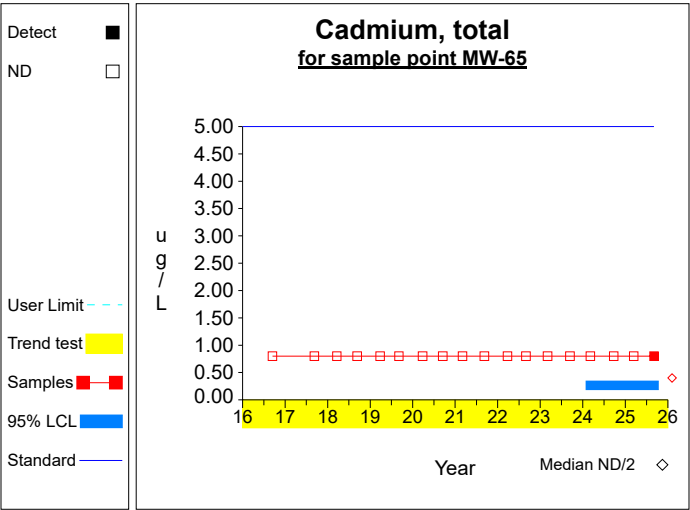
**Graph 12**



**Graph 13**

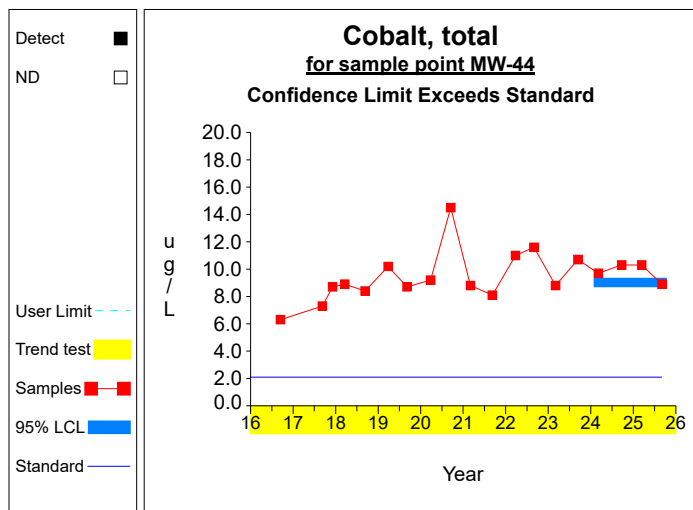


**Graph 14**

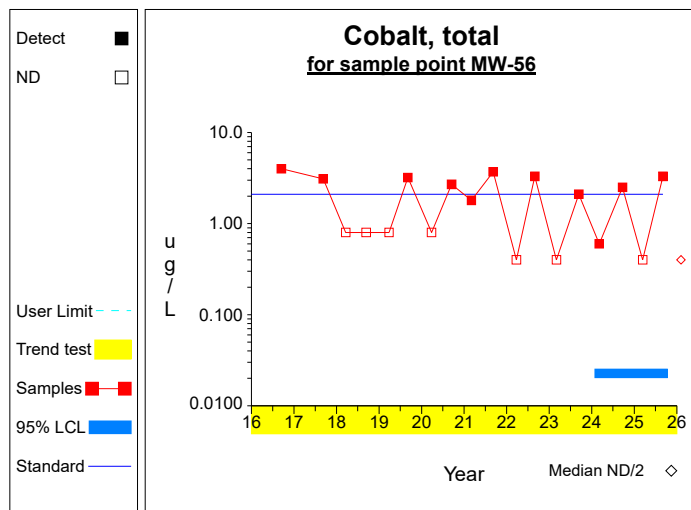


**Graph 15**

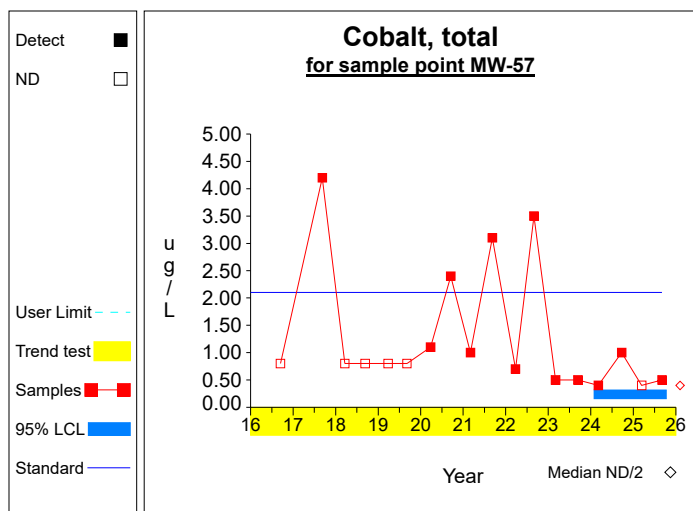
## Confidence Limits (Assessment)



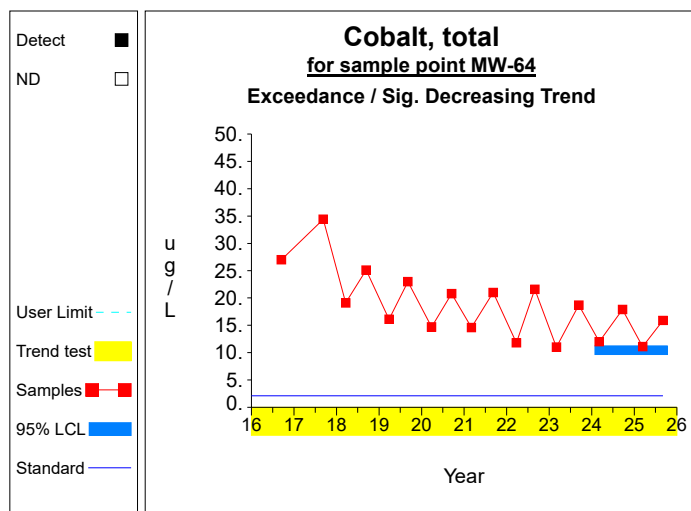
**Graph 16**



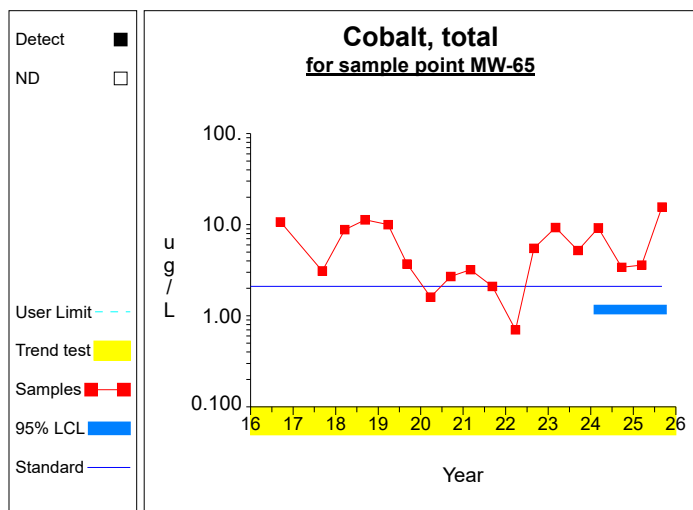
**Graph 17**



**Graph 18**

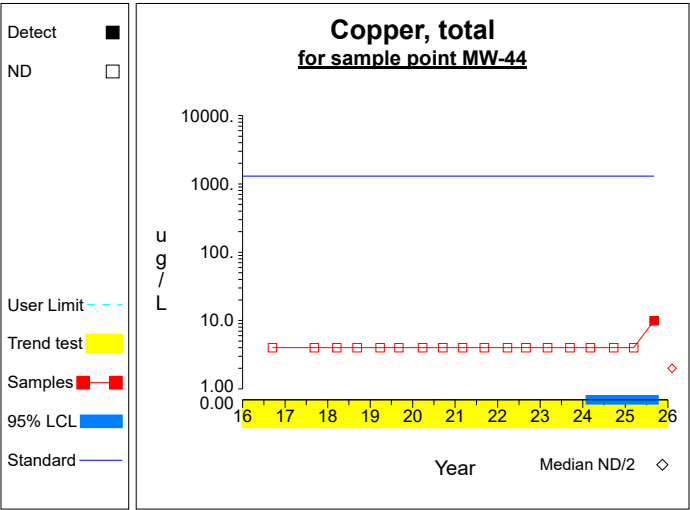


**Graph 19**

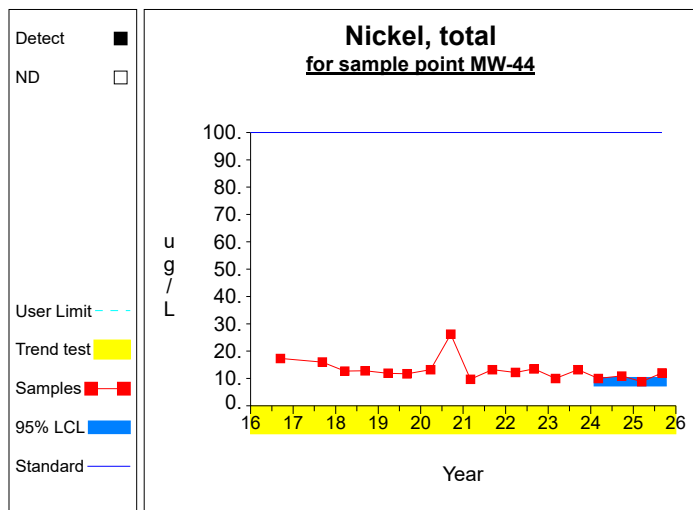


**Graph 20**

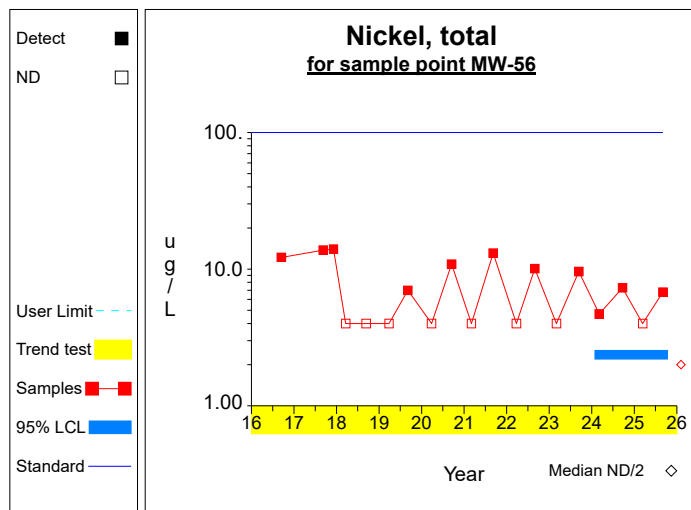
**Confidence Limits (Assessment)**



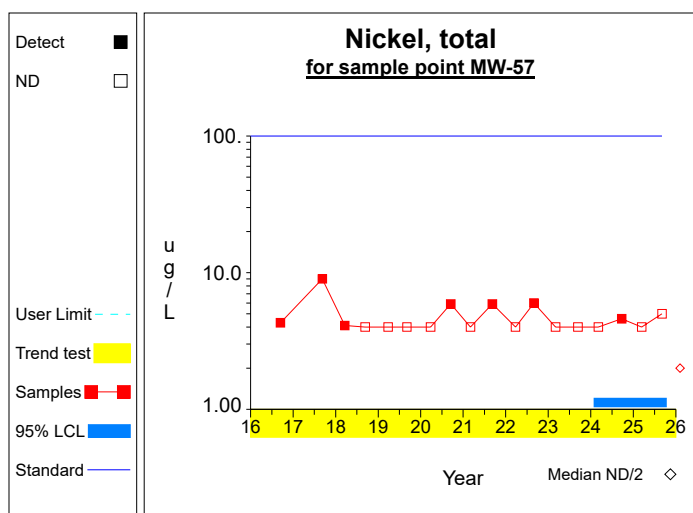
## Confidence Limits (Assessment)



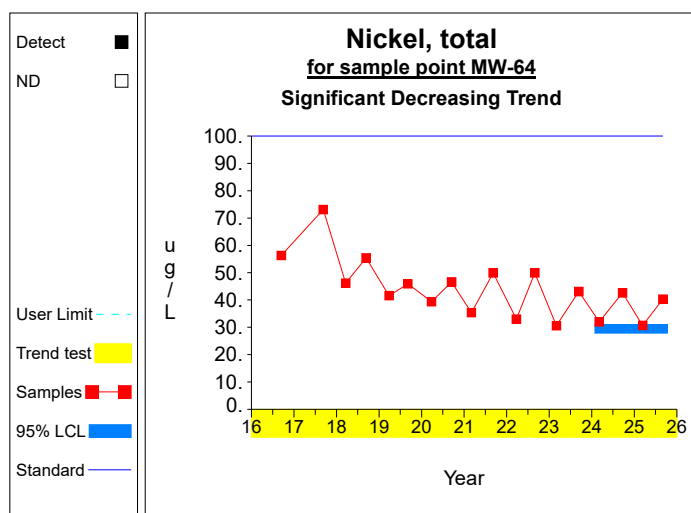
Graph 26



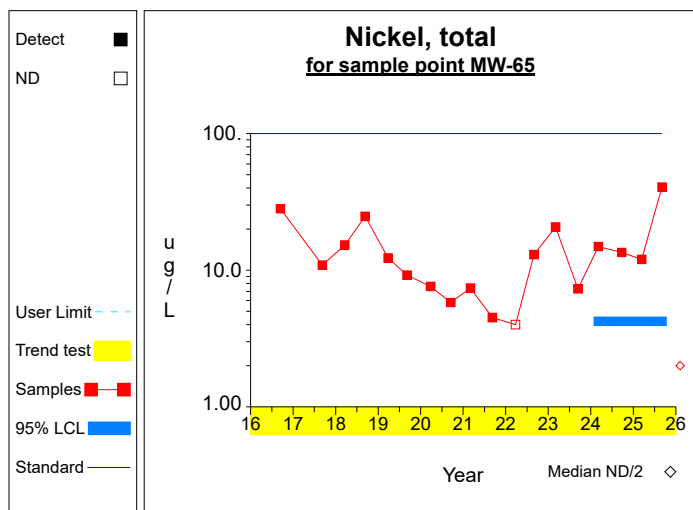
Graph 27



Graph 28



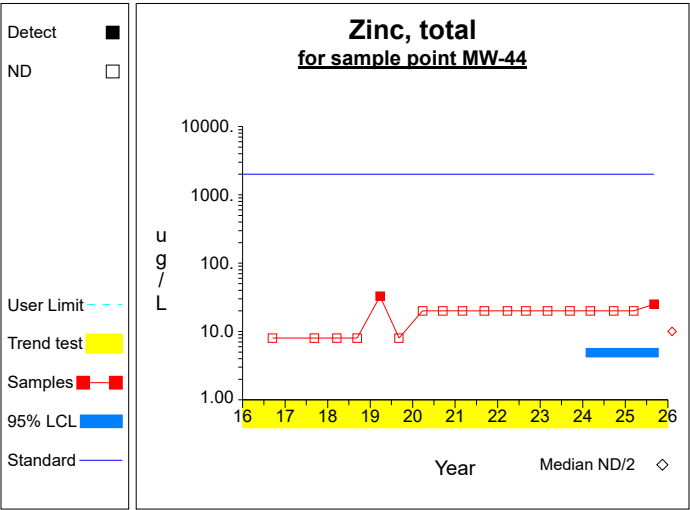
Graph 29



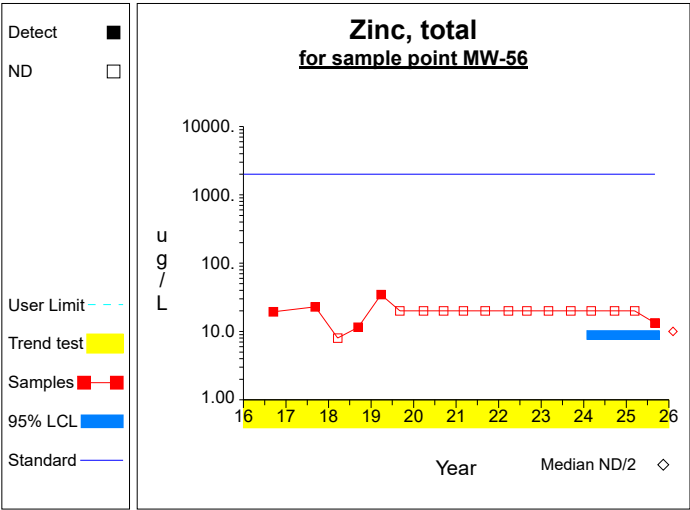
Graph 30



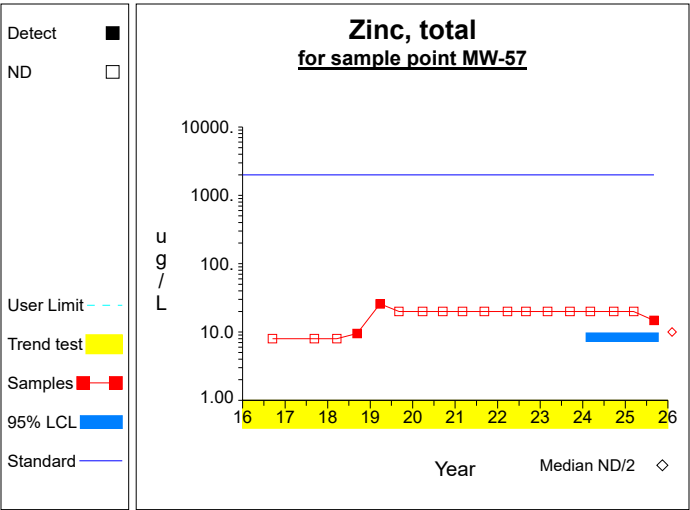
Confidence Limits (Assessment)



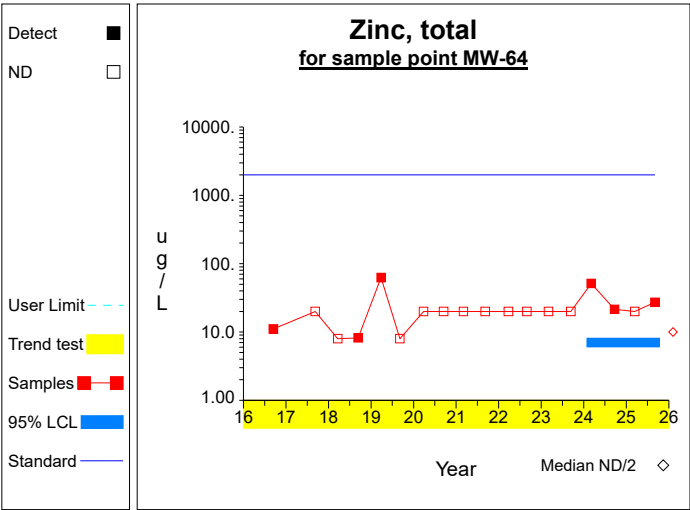
Graph 31



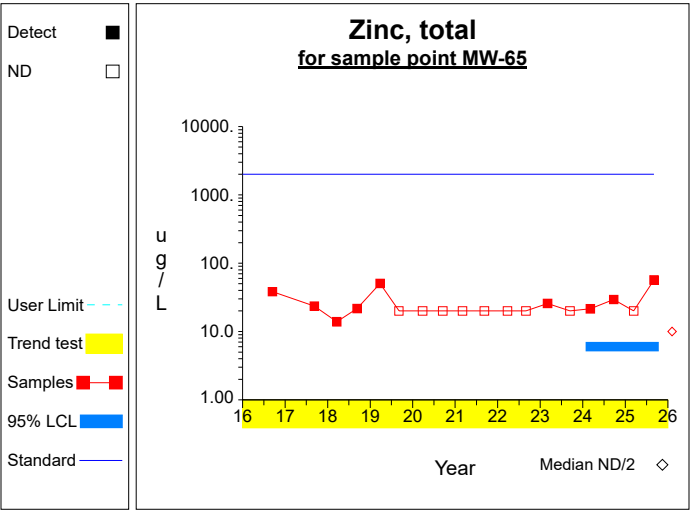
Graph 32



Graph 33



Graph 34



Graph 35

**Attachment E**

Historical Summary of the VOCs Detected

Table 1

## Historical Volatile Organic Compound Detections

| Constituent                 | Well  | Date      | Identifier | Result | Limit | Units |
|-----------------------------|-------|-----------|------------|--------|-------|-------|
| 1,1-dichloroethane          | GWD-1 | 9/08/2011 |            | 1      | 1     | ug/L  |
| Acetone                     | GWD-1 | 9/16/2008 |            | 66.7   | 20.0  | ug/L  |
| Chloroethane                | GWD-1 | 3/06/2009 |            | 1.0    | 1.0   | ug/L  |
| Chloroethane                | GWD-1 | 3/29/2010 |            | 1.4    | 1.0   | ug/L  |
| Chloroethane                | GWD-1 | 9/08/2011 |            | 1.6    | 1.0   | ug/L  |
| Chloroethane                | GWD-1 | 9/25/2012 |            | 1.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | GWD-1 | 3/29/2010 |            | 1.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | GWD-1 | 9/28/2010 |            | 1.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | GWD-1 | 3/22/2011 |            | 1.2    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | GWD-1 | 9/08/2011 |            | 1.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | GWD-1 | 9/25/2012 |            | 1.1    | 1.0   | ug/L  |
| Vinyl chloride              | GWD-1 | 3/29/2010 |            | 1.4    | 1.0   | ug/L  |
| Vinyl chloride              | GWD-1 | 9/28/2010 |            | 1.0    | 1.0   | ug/L  |
| Vinyl chloride              | GWD-1 | 3/22/2011 |            | 1.1    | 1.0   | ug/L  |
| Vinyl chloride              | GWD-1 | 9/08/2011 |            | 1.2    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-39 | 9/25/2013 |            | 9      | 1     | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/27/2010 |            | 18.6   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/23/2011 |            | 16.0   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/08/2011 |            | 22.5   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/09/2012 |            | 14.7   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/25/2012 |            | 16.4   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/15/2013 |            | 16.0   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/25/2013 |            | 16.8   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/25/2014 |            | 16.0   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/24/2014 |            | 19.3   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/11/2015 |            | 23.1   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/16/2015 |            | 24.9   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/22/2016 |            | 24.1   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/15/2016 |            | 26.2   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/23/2017 |            | 24.4   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/08/2017 |            | 23.4   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/19/2018 |            | 26.7   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/11/2018 |            | 24.6   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/26/2019 |            | 24.6   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/04/2019 |            | 26.3   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/26/2020 |            | 30.8   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/15/2020 |            | 25.8   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/02/2021 |            | 24.5   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/07/2021 |            | 24.4   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/24/2022 |            | 25.1   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 8/31/2022 |            | 22.0   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/02/2023 |            | 23.9   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/12/2023 |            | 23.0   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/04/2024 |            | 19.0   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/23/2024 |            | 22.0   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 3/12/2025 |            | 19.5   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-41 | 9/03/2025 |            | 21.0   | 1.0   | ug/L  |
| 1,2-dichloropropane         | MW-41 | 3/26/2020 |            | 1.2    | 1.0   | ug/L  |
| 1,2-dichloropropane         | MW-41 | 3/02/2023 |            | 1.0    | 1.0   | ug/L  |
| 1,2-dichloropropane         | MW-41 | 9/23/2024 |            | 1.0    | 1.0   | ug/L  |
| 1,2-dichloropropane         | MW-41 | 9/03/2025 |            | 1.2    | 1.0   | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-41 | 3/09/2012 |            | 22     | 8     | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-41 | 3/25/2014 |            | 83     | 10    | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-41 | 9/16/2015 |            | 10     | 10    | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-41 | 3/26/2020 |            | 8      | 6     | ug/L  |
| Chloroethane                | MW-41 | 3/26/2019 |            | 1.1    | 1.0   | ug/L  |
| Chloroethane                | MW-41 | 3/26/2020 |            | 1.0    | 1.0   | ug/L  |
| Chloroethane                | MW-41 | 9/07/2021 |            | 1.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/08/2011 |            | 1.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/24/2014 |            | 1.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/11/2015 |            | 2.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/16/2015 |            | 2.3    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/22/2016 |            | 2.5    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/15/2016 |            | 2.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/23/2017 |            | 2.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/08/2017 |            | 2.2    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/19/2018 |            | 2.2    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/11/2018 |            | 2.6    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/26/2019 |            | 3.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/04/2019 |            | 3.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/26/2020 |            | 5.3    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/15/2020 |            | 5.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/02/2021 |            | 4.6    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/07/2021 |            | 4.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/24/2022 |            | 4.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 8/31/2022 |            | 4.0    | 1.0   | ug/L  |

Detections are shown for the constituents and sample points selected for the analysis  
The Limit column refers to the laboratory reporting limit

Table 1

## Historical Volatile Organic Compound Detections

| Constituent                 | Well  | Date       | Identifier | Result | Limit | Units |
|-----------------------------|-------|------------|------------|--------|-------|-------|
| Cis-1,2-dichloroethylene    | MW-41 | 3/02/2023  |            | 4.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/12/2023  |            | 3.6    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/04/2024  |            | 2.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/23/2024  |            | 3.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 3/12/2025  |            | 3.3    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-41 | 9/03/2025  |            | 4.4    | 1.0   | ug/L  |
| Tetrachloroethylene         | MW-41 | 9/11/2018  |            | 1      | 1     | ug/L  |
| Trichloroethylene           | MW-41 | 9/11/2018  |            | 1.1    | 1.0   | ug/L  |
| 2,4,5-t                     | MW-42 | 3/19/2018  |            | 5.0    | .5    | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-42 | 3/02/2023  |            | 6      | 6     | ug/L  |
| Acetone                     | MW-44 | 9/08/2017  |            | 20     | 10    | ug/L  |
| Carbon disulfide            | MW-44 | 9/03/2025  |            | 1.6    | 1.0   | ug/L  |
| Acetone                     | MW-45 | 3/02/2021  |            | 21.1   | 10.0  | ug/L  |
| Carbon disulfide            | MW-48 | 9/03/2025  |            | 1.6    | 1.0   | ug/L  |
| Tetrachloroethylene         | MW-48 | 3/04/2024  |            | 2.3    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 9/14/2016  |            | 5.0    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 9/08/2017  |            | 10.4   | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 9/04/2019  |            | 4.7    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 9/15/2020  |            | 6.9    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 9/07/2021  |            | 8.4    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 8/31/2022  |            | 7.4    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 9/12/2023  |            | 4.0    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 3/04/2024  |            | 1.7    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-56 | 9/23/2024  |            | 2.6    | 1.0   | ug/L  |
| Benzene                     | MW-56 | 3/11/1992  |            | 7.8    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 6/30/1992  |            | 1.4    | 1.0   | ug/L  |
| Benzene                     | MW-56 | 9/24/1992  |            | 9.7    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 12/29/1992 |            | 8.3    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/26/1995  |            | 10.0   | 5.0   | ug/L  |
| Benzene                     | MW-56 | 12/13/1995 |            | 11.3   | 5.0   | ug/L  |
| Benzene                     | MW-56 | 3/20/1996  |            | 11.1   | 5.0   | ug/L  |
| Benzene                     | MW-56 | 6/19/1996  |            | 11.7   | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/06/1996  |            | 9.6    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 3/27/1997  |            | 10.4   | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/10/1997  |            | 11.3   | 5.0   | ug/L  |
| Benzene                     | MW-56 | 1/20/1998  |            | 9.6    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 3/23/1998  |            | 5.9    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/08/1998  |            | 9.1    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 3/19/1999  |            | 7.4    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/03/1999  |            | 7.6    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 3/24/2000  |            | 9.5    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/15/2000  |            | 7.1    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/04/2001  |            | 6.4    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/12/2002  |            | 7.1    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 3/21/2003  |            | 5.8    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/20/2003  |            | 5.9    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 3/24/2004  |            | .4     | .3    | ug/L  |
| Benzene                     | MW-56 | 9/13/2005  |            | 5.8    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/01/2006  |            | 5.3    | 5.0   | ug/L  |
| Benzene                     | MW-56 | 9/25/2007  |            | 2.3    | 1.0   | ug/L  |
| Benzene                     | MW-56 | 9/08/2017  |            | 1.4    | 1.0   | ug/L  |
| Benzene                     | MW-56 | 9/07/2021  |            | 1.0    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 12/13/1995 |            | 5.6    | 5.0   | ug/L  |
| Chlorobenzene               | MW-56 | 3/20/1996  |            | 4.7    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 6/19/1996  |            | 4.7    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/06/1996  |            | 4.4    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 3/27/1997  |            | 5.0    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 1/20/1998  |            | 4.8    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/08/1998  |            | 5.1    | 5.0   | ug/L  |
| Chlorobenzene               | MW-56 | 3/19/1999  |            | 4.6    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/03/1999  |            | 5.1    | 5.0   | ug/L  |
| Chlorobenzene               | MW-56 | 3/24/2000  |            | 7.0    | 5.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/15/2000  |            | 5.2    | 5.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/04/2001  |            | 5.4    | 5.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/12/2002  |            | 4.8    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 3/21/2003  |            | 5.3    | 5.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/20/2003  |            | 4.5    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 3/24/2004  |            | .5     | .3    | ug/L  |
| Chlorobenzene               | MW-56 | 9/11/2004  |            | 4.1    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/13/2005  |            | 4.3    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/01/2006  |            | 3.7    | 1.0   | ug/L  |
| Chlorobenzene               | MW-56 | 9/25/2007  |            | 1.3    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 12/13/1995 |            | 113.0  | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 3/20/1996  |            | 118.0  | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 6/19/1996  |            | 101.0  | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 9/06/1996  |            | 86.5   | 5.0   | ug/L  |

Detections are shown for the constituents and sample points selected for the analysis  
The Limit column refers to the laboratory reporting limit

Table 1

## Historical Volatile Organic Compound Detections

| Constituent                 | Well  | Date       | Identifier | Result | Limit | Units |
|-----------------------------|-------|------------|------------|--------|-------|-------|
| Cis-1,2-dichloroethylene    | MW-56 | 3/27/1997  |            | 71.4   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 9/10/1997  |            | 61.3   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 1/20/1998  |            | 42.7   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 3/23/1998  |            | 27.0   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 9/08/1998  |            | 26.6   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 3/19/1999  |            | 18.6   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 9/03/1999  |            | 13.1   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 3/24/2000  |            | 8.6    | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-56 | 9/15/2000  |            | 6.2    | 5.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56 | 12/13/1995 |            | 3.7    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56 | 3/20/1996  |            | 4.4    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56 | 9/06/1996  |            | 3.2    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56 | 3/27/1997  |            | 3.2    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56 | 9/10/1997  |            | 3.0    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56 | 1/20/1998  |            | 2.6    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56 | 9/08/1998  |            | 2.0    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56 | 3/19/1999  |            | 1.1    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56 | 9/03/1999  |            | 1.8    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56 | 3/24/2000  |            | 1.8    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56 | 9/15/2000  |            | 1.3    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene  | MW-56 | 9/12/2002  |            | 1.1    | 1.0   | ug/L  |
| Vinyl chloride              | MW-56 | 12/13/1995 |            | 299.0  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 3/20/1996  |            | 286.0  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 6/19/1996  |            | 287.0  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/06/1996  |            | 255.0  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 3/27/1997  |            | 200.4  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/10/1997  |            | 195.0  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 1/20/1998  |            | 174.0  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 3/23/1998  |            | 99.8   | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/08/1998  |            | 126.0  | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 3/19/1999  |            | 63.8   | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/03/1999  |            | 43.0   | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 3/24/2000  |            | 47.9   | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/15/2000  |            | 25.8   | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/04/2001  |            | 9.4    | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/12/2002  |            | 4.5    | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/20/2003  |            | 4.5    | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 3/24/2004  |            | .4     | .2    | ug/L  |
| Vinyl chloride              | MW-56 | 9/11/2004  |            | 3.2    | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/13/2005  |            | 2.7    | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/01/2006  |            | 10.2   | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/25/2007  |            | 2.1    | 2.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/24/2013  |            | 3.3    | 1.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/14/2016  |            | 2.8    | 1.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/08/2017  |            | 4.2    | 1.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/15/2020  |            | 1.9    | 1.0   | ug/L  |
| Vinyl chloride              | MW-56 | 9/07/2021  |            | 2.2    | 1.0   | ug/L  |
| Acetone                     | MW-57 | 9/08/2017  |            | 18.2   | 10.0  | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-57 | 3/02/2023  |            | 7      | 6     | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-58 | 3/26/2020  |            | 6      | 6     | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 9/27/2010  |            | 14.3   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 3/23/2011  |            | 16.2   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 9/08/2011  |            | 16.2   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 3/09/2012  |            | 12.0   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 9/25/2012  |            | 14.5   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 3/15/2013  |            | 10.2   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 9/25/2013  |            | 7.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 3/25/2014  |            | 8.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 9/24/2014  |            | 3.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 3/11/2015  |            | 5.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 9/17/2015  |            | 5.3    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 3/22/2016  |            | 4.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 9/15/2016  |            | 5.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 3/23/2017  |            | 4.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 9/08/2017  |            | 5.2    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 3/19/2018  |            | 4.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 9/11/2018  |            | 3.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 3/26/2019  |            | 2.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 9/04/2019  |            | 3.6    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 3/26/2020  |            | 2.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 9/15/2020  |            | 2.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 3/02/2021  |            | 1.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 9/07/2021  |            | 2.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 3/24/2022  |            | 1.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 8/31/2022  |            | 1.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58 | 3/02/2023  |            | 1.8    | 1.0   | ug/L  |

Detections are shown for the constituents and sample points selected for the analysis  
The Limit column refers to the laboratory reporting limit

Table 1

## Historical Volatile Organic Compound Detections

| Constituent                 | Well   | Date       | Identifier | Result | Limit | Units |
|-----------------------------|--------|------------|------------|--------|-------|-------|
| Cis-1,2-dichloroethylene    | MW-58  | 9/12/2023  |            | 1.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-58  | 3/04/2024  |            | 1.0    | 1.0   | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-59  | 3/26/2019  |            | 15     | 6     | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-59  | 12/04/2019 |            | 6      | 6     | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-62R | 9/25/2012  |            | 18     | 8     | ug/L  |
| Bis(2-ethylhexyl) phthalate | MW-62R | 9/24/2013  |            | 19     | 10    | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/28/2010  |            | 5.3    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 12/22/2010 |            | 3.1    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 5/17/2011  |            | 3.2    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 7/14/2011  |            | 2.1    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/08/2011  |            | 6.1    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/09/2012  |            | 4.2    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/25/2012  |            | 4.7    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/15/2013  |            | 5.1    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/25/2014  |            | 7.1    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/24/2014  |            | 8.6    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/11/2015  |            | 8.8    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/16/2015  |            | 6.3    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/22/2016  |            | 5.5    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/15/2016  |            | 6.5    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/23/2017  |            | 6.0    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/08/2017  |            | 5.1    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/19/2018  |            | 4.8    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/11/2018  |            | 5.1    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/26/2019  |            | 3.4    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/04/2019  |            | 3.4    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/26/2020  |            | 2.2    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/15/2020  |            | 1.7    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/02/2021  |            | 2.0    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/07/2021  |            | 1.3    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 8/31/2022  |            | 1.6    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/02/2023  |            | 1.9    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 9/12/2023  |            | 1.4    | 1.0   | ug/L  |
| Trichlorofluoromethane      | MW-62R | 3/04/2024  |            | 1.0    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/14/2016  |            | 1.9    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/08/2017  |            | 2.0    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/19/2018  |            | 2.6    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/11/2018  |            | 1.2    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/26/2019  |            | 2.4    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/04/2019  |            | 2.3    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/26/2020  |            | 2.4    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/15/2020  |            | 1.8    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/02/2021  |            | 2.7    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/07/2021  |            | 1.6    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/24/2022  |            | 2.1    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 8/31/2022  |            | 1.6    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/02/2023  |            | 2.3    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/12/2023  |            | 1.8    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/04/2024  |            | 1.5    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/23/2024  |            | 1.7    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 3/12/2025  |            | 1.6    | 1.0   | ug/L  |
| 1,1-dichloroethane          | MW-64  | 9/03/2025  |            | 1.8    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/03/1999  |            | 1.4    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/24/2000  |            | 2.1    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/15/2000  |            | 1.1    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/20/2001  |            | 1.4    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/20/2002  |            | 1.8    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/12/2002  |            | 2.1    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/21/2003  |            | 1.9    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/20/2003  |            | 1.8    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/24/2004  |            | 1.8    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/03/2005  |            | 1.6    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/13/2005  |            | 1.5    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/16/2006  |            | 1.4    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/01/2006  |            | 1.5    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 3/27/2007  |            | 1.1    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/25/2007  |            | 1.0    | .3    | ug/L  |
| Benzene                     | MW-64  | 3/20/2008  |            | 1.0    | .3    | ug/L  |
| Benzene                     | MW-64  | 3/20/2008  |            | 1.0    | 1.0   | ug/L  |
| Benzene                     | MW-64  | 9/16/2008  |            | 1.0    | 1.0   | ug/L  |
| Carbon disulfide            | MW-64  | 9/03/2025  |            | 2.9    | 1.0   | ug/L  |
| Chlorobenzene               | MW-64  | 9/03/1999  |            | 1.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 3/23/1998  |            | 19.8   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 9/08/1998  |            | 28.2   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 3/19/1999  |            | 46.5   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene    | MW-64  | 9/03/1999  |            | 34.2   | 5.0   | ug/L  |

Detections are shown for the constituents and sample points selected for the analysis  
The Limit column refers to the laboratory reporting limit

Table 1

## Historical Volatile Organic Compound Detections

| Constituent                | Well  | Date      | Identifier | Result | Limit | Units |
|----------------------------|-------|-----------|------------|--------|-------|-------|
| Cis-1,2-dichloroethylene   | MW-64 | 3/24/2000 |            | 82.1   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 9/15/2000 |            | 43.8   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 3/20/2001 |            | 56.4   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 9/04/2001 |            | 67.0   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 3/20/2002 |            | 82.1   | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 9/14/2016 |            | 36.4   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 9/08/2017 |            | 23.7   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 3/19/2018 |            | 17.2   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 9/11/2018 |            | 15.1   | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 3/26/2019 |            | 9.7    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 9/04/2019 |            | 8.3    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 3/26/2020 |            | 4.6    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 9/15/2020 |            | 6.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 3/02/2021 |            | 7.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 9/07/2021 |            | 7.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 3/24/2022 |            | 3.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 8/31/2022 |            | 5.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 3/02/2023 |            | 3.3    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 9/12/2023 |            | 4.5    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 3/04/2024 |            | 2.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 9/23/2024 |            | 4.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 3/12/2025 |            | 2.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene   | MW-64 | 9/03/2025 |            | 3.2    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene | MW-64 | 9/15/2000 |            | 1.1    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene | MW-64 | 3/20/2001 |            | 1.4    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene | MW-64 | 3/20/2002 |            | 2.0    | 1.0   | ug/L  |
| Trans-1,2-dichloroethylene | MW-64 | 9/12/2002 |            | 2.4    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 1/20/1998 |            | 7.4    | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/23/1998 |            | 8.0    | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/08/1998 |            | 12.0   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/19/1999 |            | 17.8   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/03/1999 |            | 12.1   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/24/2000 |            | 59.8   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/15/2000 |            | 19.7   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/20/2001 |            | 35.4   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/04/2001 |            | 35.6   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/20/2002 |            | 44.3   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/12/2002 |            | 51.8   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/21/2003 |            | 56.1   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/20/2003 |            | 57.0   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/24/2004 |            | 65.8   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/11/2004 |            | 65.8   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/03/2005 |            | 81.3   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/13/2005 |            | 85.2   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/16/2006 |            | 103.0  | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/01/2006 |            | 122.0  | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/27/2007 |            | 87.5   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/25/2007 |            | 74.4   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/20/2008 |            | 61.9   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/20/2008 |            | 61.9   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/16/2008 |            | 77.9   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/16/2008 |            | 77.9   | 2.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/06/2009 |            | 45.9   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/13/2009 |            | 42.5   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/24/2013 |            | 70.6   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/25/2014 |            | 38.9   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/25/2015 |            | 20.0   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/16/2015 |            | 20.1   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/14/2016 |            | 23.7   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/23/2017 |            | 14.3   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/08/2017 |            | 17.4   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/19/2018 |            | 14.4   | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/11/2018 |            | 7.9    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/26/2019 |            | 7.0    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/04/2019 |            | 5.6    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/26/2020 |            | 3.7    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/15/2020 |            | 5.6    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/02/2021 |            | 3.4    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/07/2021 |            | 2.6    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/24/2022 |            | 1.6    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 8/31/2022 |            | 1.7    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/02/2023 |            | 1.9    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/12/2023 |            | 1.8    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 3/04/2024 |            | 2.7    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/23/2024 |            | 1.7    | 1.0   | ug/L  |
| Vinyl chloride             | MW-64 | 9/03/2025 |            | 1.4    | 1.0   | ug/L  |

Detections are shown for the constituents and sample points selected for the analysis  
The Limit column refers to the laboratory reporting limit

Table 1

## Historical Volatile Organic Compound Detections

| Constituent              | Well    | Date       | Identifier | Result | Limit | Units |
|--------------------------|---------|------------|------------|--------|-------|-------|
| Vinyl chloride           | MW-65   | 9/16/2008  |            | 1.2    | 1.0   | ug/L  |
| Vinyl chloride           | MW-65   | 9/16/2008  |            | 1.2    | 1.0   | ug/L  |
| Vinyl chloride           | MW-65   | 9/24/2013  |            | 3.1    | 1.0   | ug/L  |
| Carbon disulfide         | MW-79   | 12/22/2010 |            | 1      | 1     | ug/L  |
| Trichlorofluoromethane   | MW-79   | 3/24/2022  |            | 1.6    | 1.0   | ug/L  |
| Toluene                  | PECS-1  | 9/23/2024  |            | 1.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101  | 3/23/2017  |            | 1.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101  | 3/26/2019  |            | 2.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101  | 9/04/2019  |            | 2.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101  | 12/04/2019 |            | 3.6    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101  | 9/04/2019  |            | 1.6    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 3/26/2020  |            | 2.6    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 9/15/2020  |            | 1.8    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 3/02/2021  |            | 2.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 9/07/2021  |            | 5.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 3/24/2022  |            | 5.5    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 8/31/2022  |            | 6.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 3/02/2023  |            | 5.9    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 9/12/2023  |            | 6.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 3/04/2024  |            | 4.0    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 9/23/2024  |            | 3.4    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 3/12/2025  |            | 2.2    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-101R | 9/03/2025  |            | 3.0    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 9/15/2020  |            | 1.8    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 3/02/2021  |            | 1.8    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 9/07/2021  |            | 4.6    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 3/24/2022  |            | 6.5    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 8/31/2022  |            | 3.9    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 3/02/2023  |            | 5.9    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 9/12/2023  |            | 4.4    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 3/04/2024  |            | 5.3    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 9/23/2024  |            | 3.1    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 3/12/2025  |            | 1.2    | 1.0   | ug/L  |
| Vinyl chloride           | SW-101R | 9/03/2025  |            | 3.3    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-103  | 12/13/1995 |            | 5.3    | 5.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-103  | 3/20/1996  |            | 1.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-103  | 3/27/1997  |            | 1.1    | 1.0   | ug/L  |
| Cis-1,2-dichloroethylene | SW-103  | 3/20/2002  |            | 1.4    | 1.0   | ug/L  |
| Vinyl chloride           | SW-103  | 12/13/1995 |            | 6.2    | 2.0   | ug/L  |

Detections are shown for the constituents and sample points selected for the analysis  
The Limit column refers to the laboratory reporting limit



Table 1

**Confidence Intervals for Comparing the Mean of the Last  
4 Measurements to an Assessment Monitoring Standard**

| Constituent              | Units | Well    | N | Mean   | SD    | Factor | 95% LCL | 95% UCL | Standard | Trend      |
|--------------------------|-------|---------|---|--------|-------|--------|---------|---------|----------|------------|
| 1,1-dichloroethane       | ug/L  | MW-41   | 4 | 20.375 | 1.377 | 1.176  | 18.755  | 21.995  | 140.000  | inc        |
| 1,2-dichloropropane      | ug/L  | MW-41   | 4 | 0.800  | 0.356 | 1.176  | 0.381   | 1.219   | 5.000    |            |
| Cis-1,2-dichloroethylene | ug/L  | MW-41   | 4 | 3.300  | 0.829 | 1.176  | 2.325   | 4.275   | 70.000   |            |
| Vinyl chloride           | ug/L  | MW-41   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 2.000    |            |
| 1,1-dichloroethane       | ug/L  | MW-56   | 4 | 1.325  | 1.021 | 1.176  | 0.124   | 2.526   | 140.000  |            |
| 1,2-dichloropropane      | ug/L  | MW-56   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 5.000    |            |
| Cis-1,2-dichloroethylene | ug/L  | MW-56   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 70.000   |            |
| Vinyl chloride           | ug/L  | MW-56   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 2.000    |            |
| 1,1-dichloroethane       | ug/L  | MW-64   | 4 | 1.650  | 0.129 | 1.176  | 1.498   | 1.802   | 140.000  | dec<br>dec |
| 1,2-dichloropropane      | ug/L  | MW-64   | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 5.000    |            |
| Cis-1,2-dichloroethylene | ug/L  | MW-64   | 4 | 2.925  | 0.929 | 1.176  | 1.833   | 4.017   | 70.000   |            |
| Vinyl chloride           | ug/L  | MW-64   | 4 | 1.575  | 0.907 | 1.176  | 0.508   | 2.642   | 2.000    |            |
| 1,1-dichloroethane       | ug/L  | SW-101R | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 140.000  |            |
| 1,2-dichloropropane      | ug/L  | SW-101R | 4 | 0.500  | 0.000 | 1.176  | 0.500   | 0.500   | 5.000    |            |
| Cis-1,2-dichloroethylene | ug/L  | SW-101R | 4 | 3.150  | 0.755 | 1.176  | 2.262   | 4.038   | 70.000   |            |
| Vinyl chloride           | ug/L  | SW-101R | 4 | 3.225  | 1.676 | 1.176  | 1.253   | 5.197   | 2.000    |            |

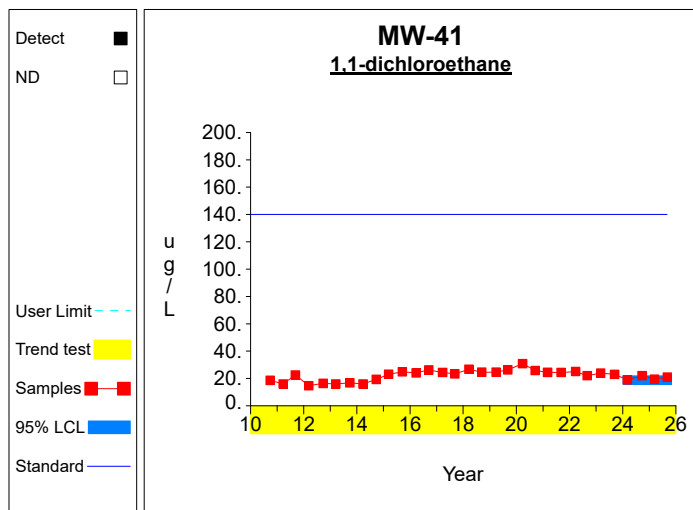
\* - Insufficient Data

\*\* - Significant Exceedance

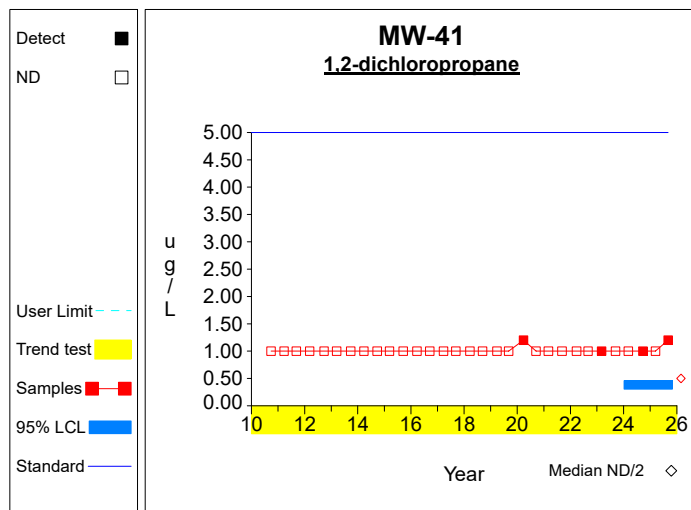
LCL = Lower Confidence Limit

UCL = Upper Confidence Limit

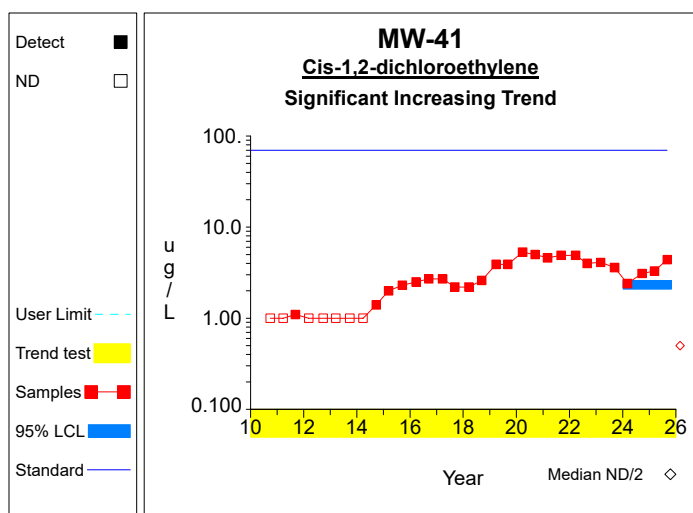
## Confidence Limits (Assessment)



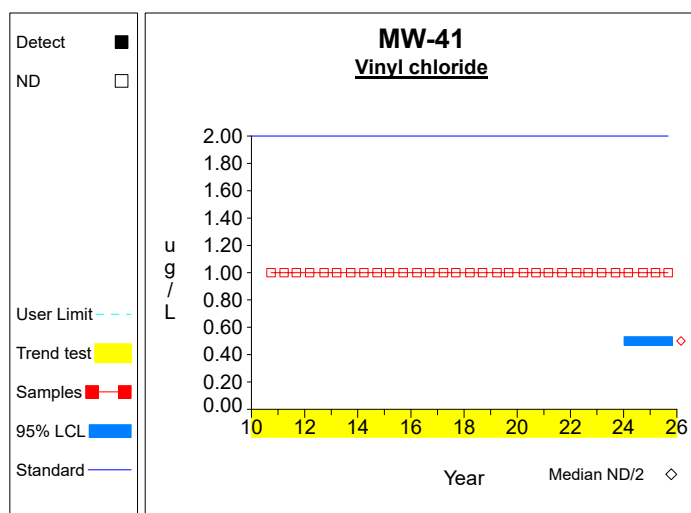
**Graph 1**



**Graph 2**

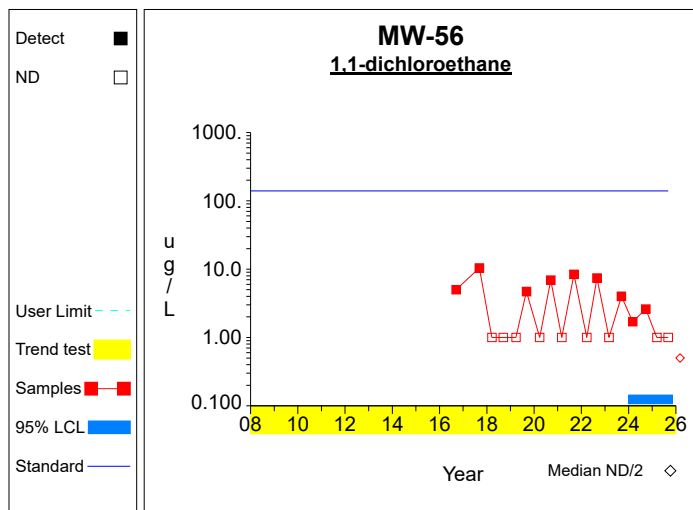


**Graph 3**

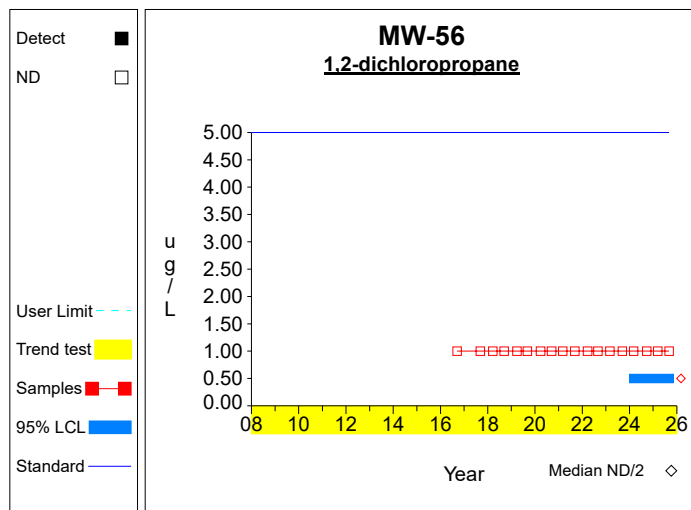


**Graph 4**

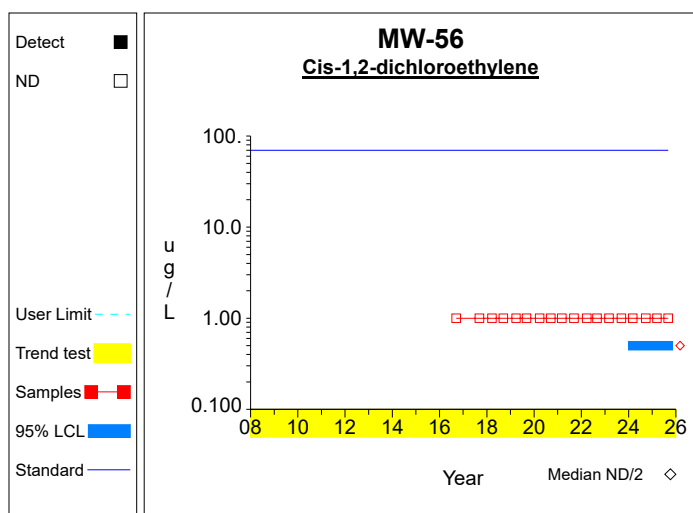
## Confidence Limits (Assessment)



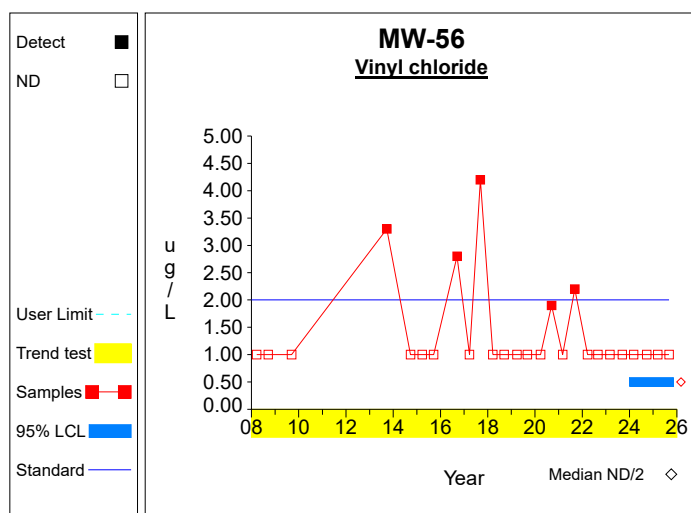
**Graph 5**



**Graph 6**

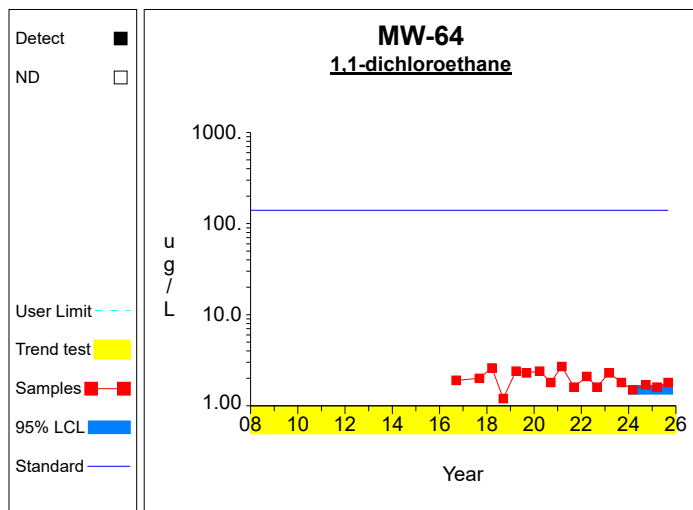


**Graph 7**

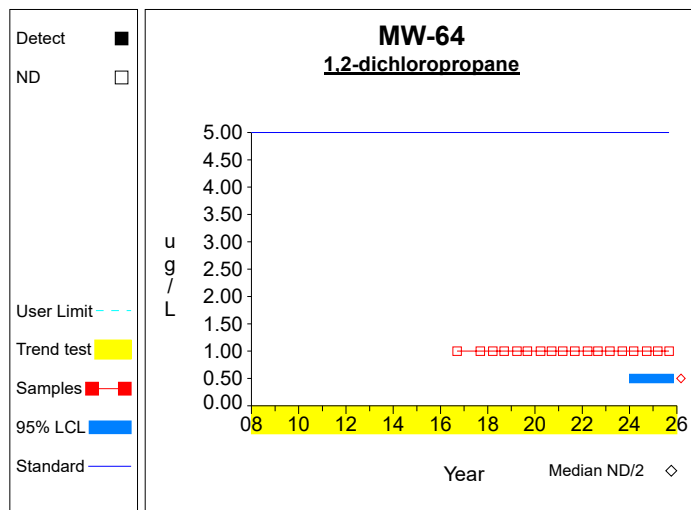


**Graph 8**

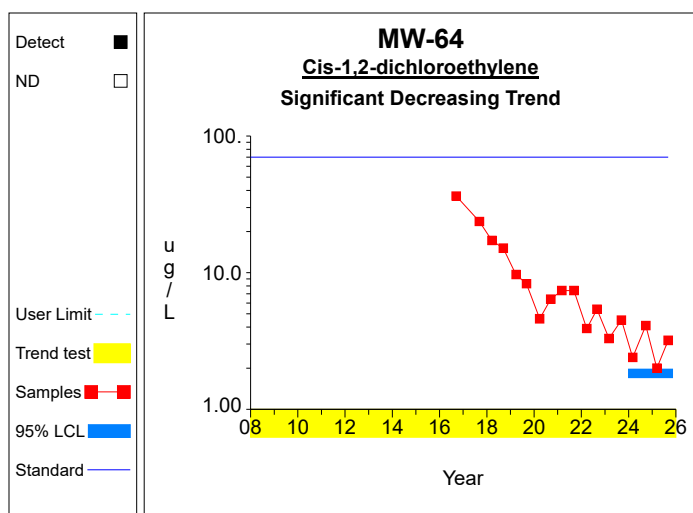
## Confidence Limits (Assessment)



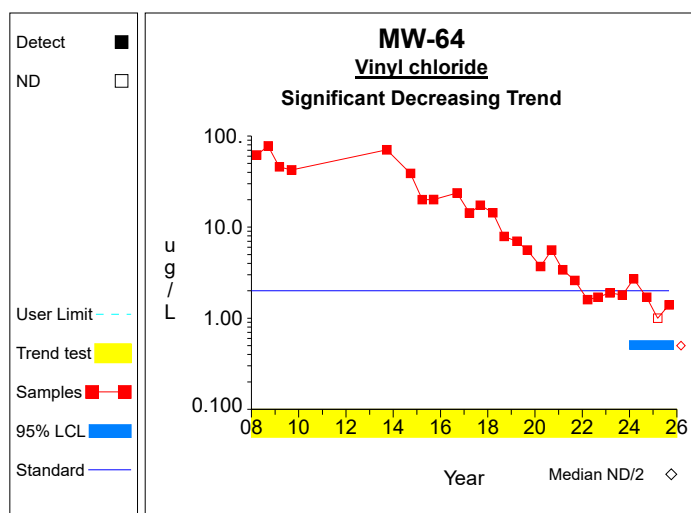
**Graph 9**



**Graph 10**

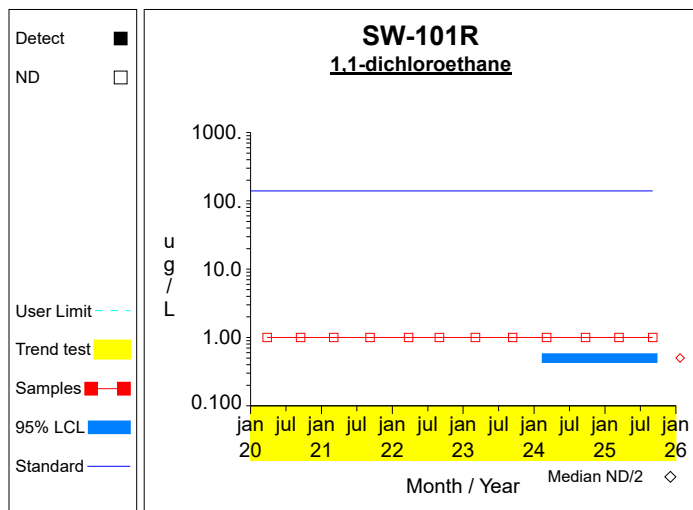


**Graph 11**

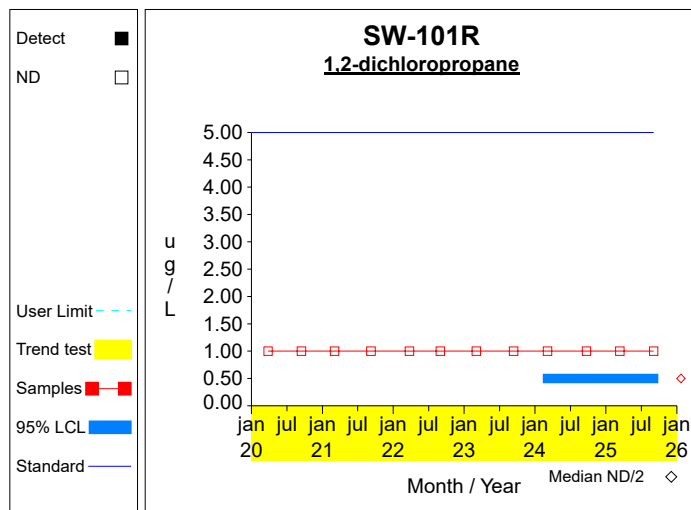


**Graph 12**

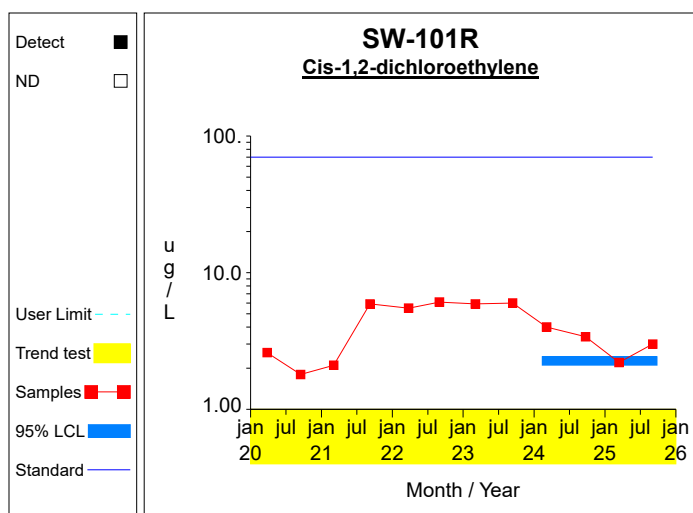
## Confidence Limits (Assessment)



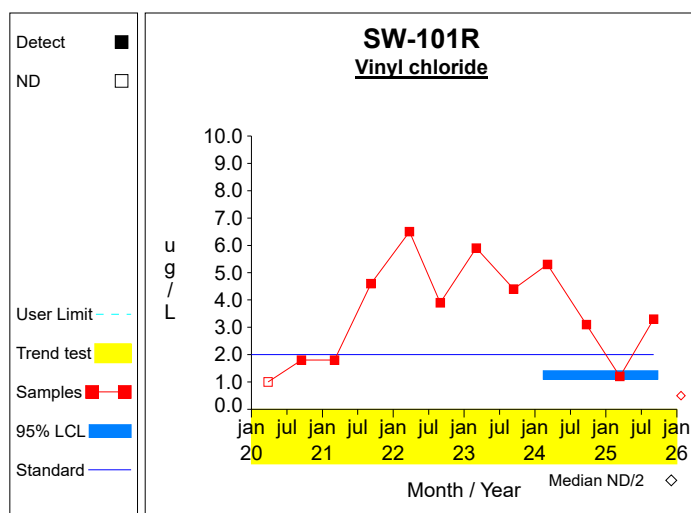
**Graph 13**



**Graph 14**



**Graph 15**



**Graph 16**

**ATTACHMENT D**

**SRAMP Evaluation Data**

NEWTON SANITARY LANDFILL  
 50-SDP-1-75P  
 CONCENTRATIONS - GROUNDWATER

| Date       | PARAMETER | MCL  | D.G.W |       |       |
|------------|-----------|------|-------|-------|-------|
|            |           |      | MW 56 | MW 64 | MW 65 |
|            | ug/L      |      |       |       |       |
| 03/11/1992 | Benzene * | 5.00 | 7.80  |       |       |
| 06/30/1992 | Benzene * | 5.00 | 1.40  |       |       |
| 09/24/1992 | Benzene * | 5.00 | 9.70  |       |       |
| 12/29/1992 | Benzene * | 5.00 | 8.30  |       |       |
| 03/16/1993 | Benzene * | 5.00 | NT    |       |       |
| 09/14/1993 | Benzene * | 5.00 | NT    |       |       |
| 03/24/1994 | Benzene * | 5.00 | NT    |       |       |
| 09/08/1994 | Benzene * | 5.00 | NT    |       |       |
| 03/21/1995 | Benzene * | 5.00 | NT    |       |       |
| 09/26/1995 | Benzene * | 5.00 | 10.00 |       |       |
| 12/13/1995 | Benzene * | 5.00 | 11.30 |       |       |
| 03/20/1996 | Benzene * | 5.00 | 11.10 |       |       |
| 06/19/1996 | Benzene * | 5.00 | 11.70 |       |       |
| 09/06/1996 | Benzene * | 5.00 | 9.60  |       |       |
| 03/27/1997 | Benzene * | 5.00 | 10.40 |       |       |
| 09/10/1997 | Benzene * | 5.00 | 11.30 |       |       |
| 01/20/1998 | Benzene * | 5.00 | 9.60  |       |       |
| 03/23/1998 | Benzene * | 5.00 | 5.90  | <1    | <1    |
| 09/08/1998 | Benzene * | 5.00 | 9.10  | <1    | <1    |
| 03/19/1999 | Benzene * | 5.00 | 7.40  | <1    | <1    |
| 09/03/1999 | Benzene * | 5.00 | 7.60  | 1.40  | <1    |
| 03/24/2000 | Benzene * | 5.00 | 9.50  | 2.10  | <1    |
| 09/15/2000 | Benzene * | 5.00 | 7.10  | 1.10  | <1    |
| 03/20/2001 | Benzene * | 5.00 | <1    | 1.40  | <1    |
| 09/04/2001 | Benzene * | 5.00 | 6.40  | <5    | <1    |
| 03/20/2002 | Benzene * | 5.00 | <1    | 1.80  | <1    |
| 09/12/2002 | Benzene * | 5.00 | 7.10  | 2.10  | <1    |
| 03/21/2003 | Benzene * | 5.00 | 5.80  | 1.90  | <1    |
| 09/20/2003 | Benzene * | 5.00 | 5.90  | 1.80  | <1.0  |
| 03/24/2004 | Benzene * | 5.00 | 0.40  | 1.80  | <0.3  |
| 09/11/2004 | Benzene * | 5.00 | <0.3  | <0.3  | <0.3  |
| 03/03/2005 | Benzene * | 5.00 | <1.0  | 1.60  | <1.0  |
| 09/13/2005 | Benzene * | 5.00 | 5.80  | 1.50  | <0.2  |
| 03/16/2006 | Benzene * | 5.00 | <0.2  | 1.40  | <0.2  |
| 09/01/2006 | Benzene * | 5.00 | 5.30  | 1.50  | <1.0  |
| 03/27/2007 | Benzene * | 5.00 | <1.0  | 1.10  | <1.0  |
| 09/25/2007 | Benzene * | 5.00 | 2.30  | 1.00  | <1.0  |
| 12/21/2007 | Benzene * | 5.00 | NT    | NT    | NT    |
| 03/20/2008 | Benzene * | 5.00 | <1.0  | 1.00  | <1.0  |
| 09/16/2008 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 03/20/2009 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/28/2009 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 03/28/2010 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/27/2010 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 03/23/2011 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/07/2011 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 03/08/2012 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/12/2012 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 03/14/2013 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/24/2013 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 03/24/2014 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/25/2014 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 03/25/2015 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/16/2015 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/14/2016 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 03/23/2017 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/08/2017 | Benzene * | 5.00 | 1.40  | <1.0  | <1.0  |
| 03/19/2018 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/11/2018 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 03/26/2019 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/04/2019 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 03/26/2020 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/15/2020 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 03/02/2021 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/07/2021 | Benzene * | 5.00 | 1.00  | <1.0  | <1.0  |
| 03/24/2022 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 08/31/2022 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 03/02/2023 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/12/2023 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 03/04/2024 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/23/2024 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 03/12/2025 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |
| 09/03/2025 | Benzene * | 5.00 | <1.0  | <1.0  | <1.0  |

NEWTON SANITARY LANDFILL  
 50-SDP-1-75P  
 CONCENTRATIONS - GROUNDWATER

| Date       | PARAMETER     | MCL | D.G.W |       |       |
|------------|---------------|-----|-------|-------|-------|
|            |               |     | MW 56 | MW 64 | MW 65 |
|            | ug/L          |     |       |       |       |
| 03/24/1994 | Chlorobenzene | 100 | NT    |       |       |
| 09/08/1994 | Chlorobenzene | 100 | NT    |       |       |
| 12/13/1995 | Chlorobenzene | 100 | 5.6   |       |       |
| 03/20/1996 | Chlorobenzene | 100 | 4.70  |       |       |
| 06/19/1996 | Chlorobenzene | 100 | 4.70  |       |       |
| 09/06/1996 | Chlorobenzene | 100 | 4.40  |       |       |
| 03/27/1997 | Chlorobenzene | 100 | 5.00  |       |       |
| 09/10/1997 | Chlorobenzene | 100 | <1    |       |       |
| 01/20/1998 | Chlorobenzene | 100 | 4.80  |       |       |
| 03/23/1998 | Chlorobenzene | 100 | <1    | <1    | <1    |
| 09/08/1998 | Chlorobenzene | 100 | 5.10  | <1    | <1    |
| 03/19/1999 | Chlorobenzene | 100 | 4.60  | <1    | <1    |
| 09/03/1999 | Chlorobenzene | 100 | 5.10  | 1.10  | <1    |
| 03/24/2000 | Chlorobenzene | 100 | 7.00  | <1    | <1    |
| 09/15/2000 | Chlorobenzene | 100 | 5.20  | <1    | <1    |
| 03/20/2001 | Chlorobenzene | 100 | <1    | <1    | <1    |
| 09/04/2001 | Chlorobenzene | 100 | 5.40  | <5    | <1    |
| 03/20/2002 | Chlorobenzene | 100 | <1    | <1    | <1    |
| 09/12/2002 | Chlorobenzene | 100 | 4.80  | <1    | <1    |
| 03/21/2003 | Chlorobenzene | 100 | 5.30  | <1    | <1    |
| 09/20/2003 | Chlorobenzene | 100 | 4.50  | <1.0  | <1.0  |
| 03/24/2004 | Chlorobenzene | 100 | 0.50  | <0.3  | <0.3  |
| 09/11/2004 | Chlorobenzene | 100 | 4.10  | <0.3  | <0.3  |
| 03/03/2005 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/13/2005 | Chlorobenzene | 100 | 4.30  | <0.2  | <0.2  |
| 03/16/2006 | Chlorobenzene | 100 | <0.2  | <0.2  | <0.2  |
| 09/01/2006 | Chlorobenzene | 100 | 3.70  | <1.0  | <1.0  |
| 03/27/2007 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/25/2007 | Chlorobenzene | 100 | 1.30  | <1.0  | <1.0  |
| 12/21/2007 | Chlorobenzene | 100 | NT    | NT    | NT    |
| 03/20/2008 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/16/2008 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/20/2009 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/28/2009 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/28/2010 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/27/2010 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/23/2011 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/07/2011 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/08/2012 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/12/2012 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/14/2013 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/24/2013 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/24/2014 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/25/2014 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/25/2015 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/16/2015 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/14/2016 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/23/2017 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/08/2017 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/19/2018 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/11/2018 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/26/2019 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/04/2019 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/26/2020 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/15/2020 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/02/2021 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/07/2021 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/24/2022 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 08/31/2022 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/02/2023 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/12/2023 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/04/2024 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/23/2024 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 03/12/2025 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |
| 09/03/2025 | Chlorobenzene | 100 | <1.0  | <1.0  | <1.0  |



NEWTON SANITARY LANDFILL  
 50-SDP-1-75P  
 CONCENTRATIONS - GROUNDWATER

| Date       | PARAMETER      | MCL  | D.G.W  |        |       |
|------------|----------------|------|--------|--------|-------|
|            |                |      | MW 56  | MW 64  | MW 65 |
|            | ug/L           |      |        |        |       |
| 03/24/1994 | Vinyl Chloride | 2.00 |        |        |       |
| 09/08/1994 | Vinyl Chloride | 2.00 |        |        |       |
| 12/13/1995 | Vinyl Chloride | 2.00 | 299.00 |        |       |
| 03/20/1996 | Vinyl Chloride | 2.00 | 286.00 |        |       |
| 06/19/1996 | Vinyl Chloride | 2.00 | 287.00 |        |       |
| 09/06/1996 | Vinyl Chloride | 2.00 | 255.00 |        |       |
| 03/27/1997 | Vinyl Chloride | 2.00 | 200.40 |        |       |
| 09/10/1997 | Vinyl Chloride | 2.00 | 195.00 |        |       |
| 01/20/1998 | Vinyl Chloride | 2.00 | 174.00 | 7.40   | <1    |
| 03/23/1998 | Vinyl Chloride | 2.00 | 99.80  | 8.00   | <1    |
| 09/08/1998 | Vinyl Chloride | 2.00 | 126.00 | 12.00  | <1    |
| 03/19/1999 | Vinyl Chloride | 2.00 | 63.80  | 17.80  | <1    |
| 09/03/1999 | Vinyl Chloride | 2.00 | 43.00  | 12.10  | <1    |
| 03/24/2000 | Vinyl Chloride | 2.00 | 47.90  | 59.80  | <1    |
| 09/15/2000 | Vinyl Chloride | 2.00 | 25.80  | 19.70  | <1    |
| 03/20/2001 | Vinyl Chloride | 2.00 | <1     | 35.40  | <1    |
| 09/04/2001 | Vinyl Chloride | 2.00 | 9.40   | 35.60  | <1    |
| 03/20/2002 | Vinyl Chloride | 2.00 | <1     | 44.30  | <1    |
| 09/12/2002 | Vinyl Chloride | 2.00 | 4.50   | 51.80  | <1    |
| 03/21/2003 | Vinyl Chloride | 2.00 | <1     | 56.10  | <1    |
| 09/20/2003 | Vinyl Chloride | 2.00 | 4.50   | 57.00  | <1.0  |
| 03/24/2004 | Vinyl Chloride | 2.00 | 0.40   | 65.80  | <0.2  |
| 09/11/2004 | Vinyl Chloride | 2.00 | 3.20   | 65.80  | <0.2  |
| 03/03/2005 | Vinyl Chloride | 2.00 | <1.0   | 81.30  | <1.0  |
| 09/13/2005 | Vinyl Chloride | 2.00 | 2.70   | 85.20  | <0.1  |
| 03/16/2006 | Vinyl Chloride | 2.00 | <0.1   | 103.00 | <0.1  |
| 09/01/2006 | Vinyl Chloride | 2.00 | 10.20  | 122.00 | <1.0  |
| 03/27/2007 | Vinyl Chloride | 2.00 | <1.0   | 87.50  | <1.0  |
| 09/25/2007 | Vinyl Chloride | 2.00 | 2.10   | 74.40  | <1.0  |
| 12/21/2007 | Vinyl Chloride | 2.00 | NT     | NT     | NT    |
| 03/20/2008 | Vinyl Chloride | 2.00 | <1.0   | 61.90  | <1.0  |
| 09/16/2008 | Vinyl Chloride | 2.00 | <1.0   | 77.90  | 1.20  |
| 03/20/2009 | Vinyl Chloride | 2.00 | <1.0   | 45.90  | <1.0  |
| 09/28/2009 | Vinyl Chloride | 2.00 | <1.0   | 42.50  | <1.0  |
| 03/28/2010 | Vinyl Chloride | 2.00 | <1.0   | 35.60  | <1.0  |
| 09/27/2010 | Vinyl Chloride | 2.00 | <1.0   | 39.60  | <1.0  |
| 03/23/2011 | Vinyl Chloride | 2.00 | <1.0   | 19.20  | <1.0  |
| 09/07/2011 | Vinyl Chloride | 2.00 | 4.80   | 24.50  | <1.0  |
| 03/08/2012 | Vinyl Chloride | 2.00 | <1.0   | 25.10  | <1.0  |
| 09/12/2012 | Vinyl Chloride | 2.00 | 2.80   | 63.20  | <1.0  |
| 03/14/2013 | Vinyl Chloride | 2.00 | <1.0   | 42.00  | <1.0  |
| 09/24/2013 | Vinyl Chloride | 2.00 | 3.30   | 70.60  | 3.10  |
| 03/24/2014 | Vinyl Chloride | 2.00 | 1.50   | 71.80  | <1.0  |
| 09/25/2014 | Vinyl Chloride | 2.00 | <1.0   | 38.90  | <1.0  |
| 03/25/2015 | Vinyl Chloride | 2.00 | <1.0   | 20.00  | <1.0  |
| 09/16/2015 | Vinyl Chloride | 2.00 | <1.0   | 20.10  | <1.0  |
| 09/14/2016 | Vinyl Chloride | 2.00 | 2.80   | 23.70  | <1.0  |
| 03/23/2017 | Vinyl Chloride | 2.00 | <1.0   | 14.30  | <1.0  |
| 09/08/2017 | Vinyl Chloride | 2.00 | 4.20   | 17.40  | <1.0  |
| 03/19/2018 | Vinyl Chloride | 2.00 | <1.0   | 14.40  | <1.0  |
| 09/11/2018 | Vinyl Chloride | 2.00 | <1.0   | 7.90   | <1.0  |
| 03/26/2019 | Vinyl Chloride | 2.00 | <1.0   | 7.00   | <1.0  |
| 09/04/2019 | Vinyl Chloride | 2.00 | <1.0   | 5.60   | <1.0  |
| 03/26/2020 | Vinyl Chloride | 2.00 | <1.0   | 3.70   | <1.0  |
| 09/15/2020 | Vinyl Chloride | 2.00 | 1.90   | 5.60   | <1.0  |
| 03/02/2021 | Vinyl Chloride | 2.00 | <1.0   | 3.40   | <1.0  |
| 09/07/2021 | Vinyl Chloride | 2.00 | 2.20   | 2.60   | <1.0  |
| 03/24/2022 | Vinyl Chloride | 2.00 | <1.0   | 1.60   | <1.0  |
| 08/31/2022 | Vinyl Chloride | 2.00 | <1.0   | 1.70   | <1.0  |
| 03/02/2023 | Vinyl Chloride | 2.00 | <1.0   | 1.90   | <1.0  |
| 09/12/2023 | Vinyl Chloride | 2.00 | <1.0   | 1.80   | <1.0  |
| 03/04/2024 | Vinyl Chloride | 2.00 | <1.0   | 2.70   | <1.0  |
| 09/23/2024 | Vinyl Chloride | 2.00 | <1.0   | 1.70   | <1.0  |
| 03/12/2025 | Vinyl Chloride | 2.00 | <1.0   | <1.0   | <1.0  |
| 09/03/2025 | Vinyl Chloride | 2.00 | <1.0   | 1.40   | <1.0  |

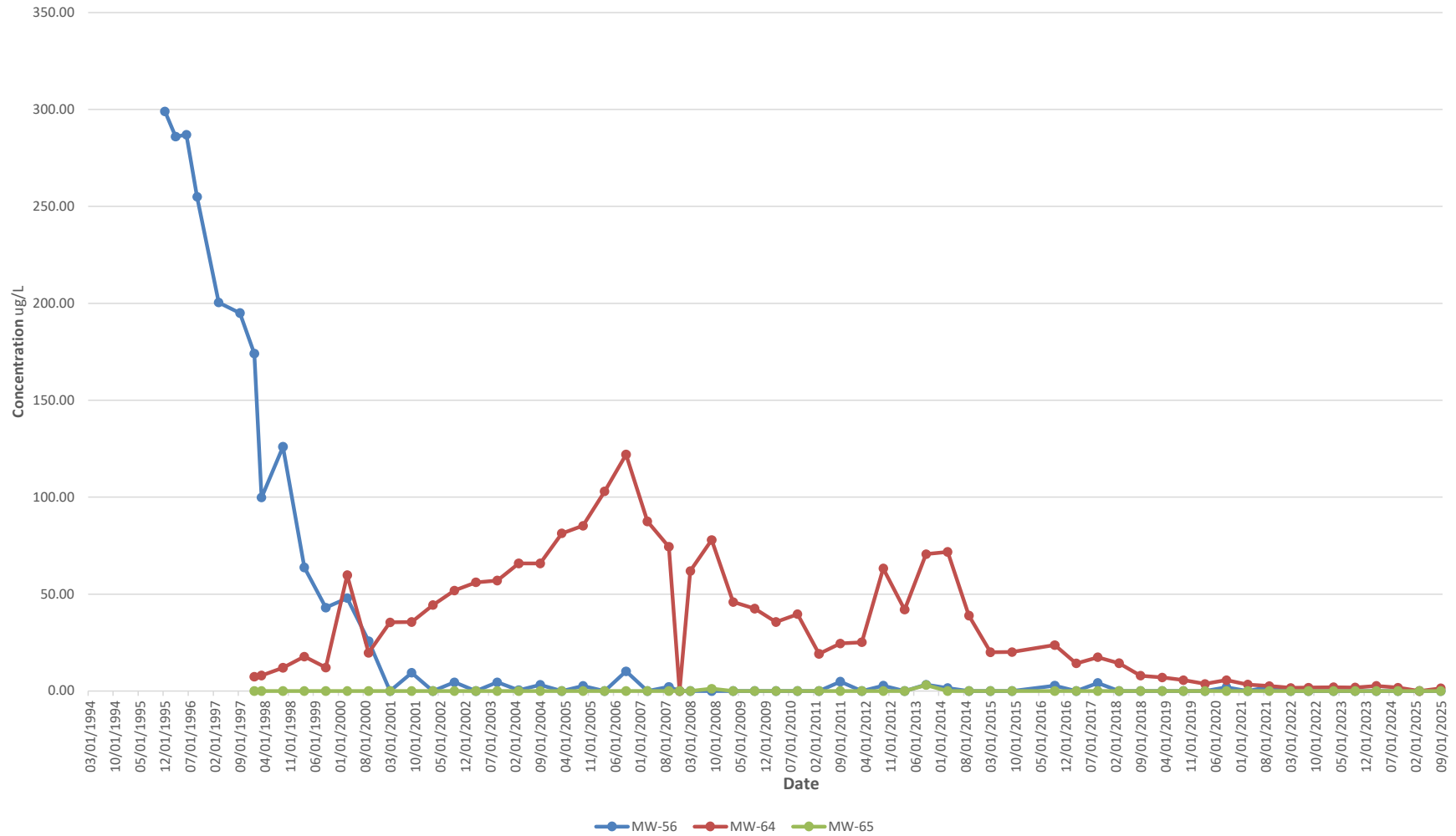
NEWTON SANITARY LANDFILL  
 50-SDP-1-75P  
 CONCENTRATIONS - GROUNDWATER

| Date       | PARAMETER   | MCL   | D.G.W  |       |       |
|------------|-------------|-------|--------|-------|-------|
|            |             |       | MW 56  | MW 64 | MW 65 |
|            | ug/L        |       |        |       |       |
| 12/13/1995 | cis-1,2 DCE | 70.00 | 113.00 |       |       |
| 03/20/1996 | cis-1,2 DCE | 70.00 | 118.00 |       |       |
| 06/19/1996 | cis-1,2 DCE | 70.00 | 101.00 |       |       |
| 09/06/1996 | cis-1,2 DCE | 70.00 | 86.50  |       |       |
| 03/27/1997 | cis-1,2 DCE | 70.00 | 71.40  |       |       |
| 09/10/1997 | cis-1,2 DCE | 70.00 | 61.30  |       |       |
| 01/20/1998 | cis-1,2 DCE | 70.00 | 42.70  |       | <1    |
| 03/23/1998 | cis-1,2 DCE | 70.00 | 27.00  | 19.80 | <1    |
| 09/08/1998 | cis-1,2 DCE | 70.00 | 26.60  | 28.20 | <1    |
| 03/19/1999 | cis-1,2 DCE | 70.00 | 18.60  | 46.50 | <1    |
| 09/03/1999 | cis-1,2 DCE | 70.00 | 13.10  | 34.20 | <1    |
| 03/24/2000 | cis-1,2 DCE | 70.00 | 8.60   | 82.10 | <1    |
| 09/15/2000 | cis-1,2 DCE | 70.00 | 6.20   | 43.80 | <1    |
| 03/20/2001 | cis-1,2 DCE | 70.00 | NT     | 56.40 | <1    |
| 09/04/2001 | cis-1,2 DCE | 70.00 | NT     | 67.00 | <1    |
| 03/20/2002 | cis-1,2 DCE | 70.00 | NT     | 82.10 | <1    |
| 09/14/2016 | cis-1,2 DCE | 70.00 | <1     | 36.40 | <1    |
| 09/08/2017 | cis-1,2 DCE | 70.00 | <1     | 23.70 | <1    |
| 03/19/2018 | cis-1,2 DCE | 70.00 | <1     | 17.20 | <1    |
| 09/11/2018 | cis-1,2 DCE | 70.00 | <1     | 15.10 | <1    |
| 03/26/2019 | cis-1,2 DCE | 70.00 | <1     | 9.70  | <1    |
| 09/04/2019 | cis-1,2 DCE | 70.00 | <1     | 8.30  | <1    |
| 03/26/2020 | cis-1,2 DCE | 70.00 | <1     | 4.60  | <1    |
| 09/15/2020 | cis-1,2 DCE | 70.00 | <1     | 6.40  | <1    |
| 03/02/2021 | cis-1,2 DCE | 70.00 | <1     | 7.40  | <1    |
| 09/07/2021 | cis-1,2 DCE | 70.00 | <1     | 7.40  | <1    |
| 03/24/2022 | cis-1,2 DCE | 70.00 | <1     | 3.90  | <1    |
| 08/31/2022 | cis-1,2 DCE | 70.00 | <1     | 5.40  | <1    |
| 03/02/2023 | cis-1,2 DCE | 70.00 | <1     | 3.30  | <1    |
| 09/12/2023 | cis-1,2 DCE | 70.00 | <1     | 4.50  | <1    |
| 03/04/2024 | cis-1,2 DCE | 70.00 | <1     | 2.40  | <1    |
| 09/23/2024 | cis-1,2 DCE | 70.00 | <1     | 4.10  | <1    |
| 03/12/2025 | cis-1,2 DCE | 70.00 | <1     | 2.00  | <1    |
| 09/03/2025 | cis-1,2 DCE | 70.00 | <1     | 3.20  | <1    |

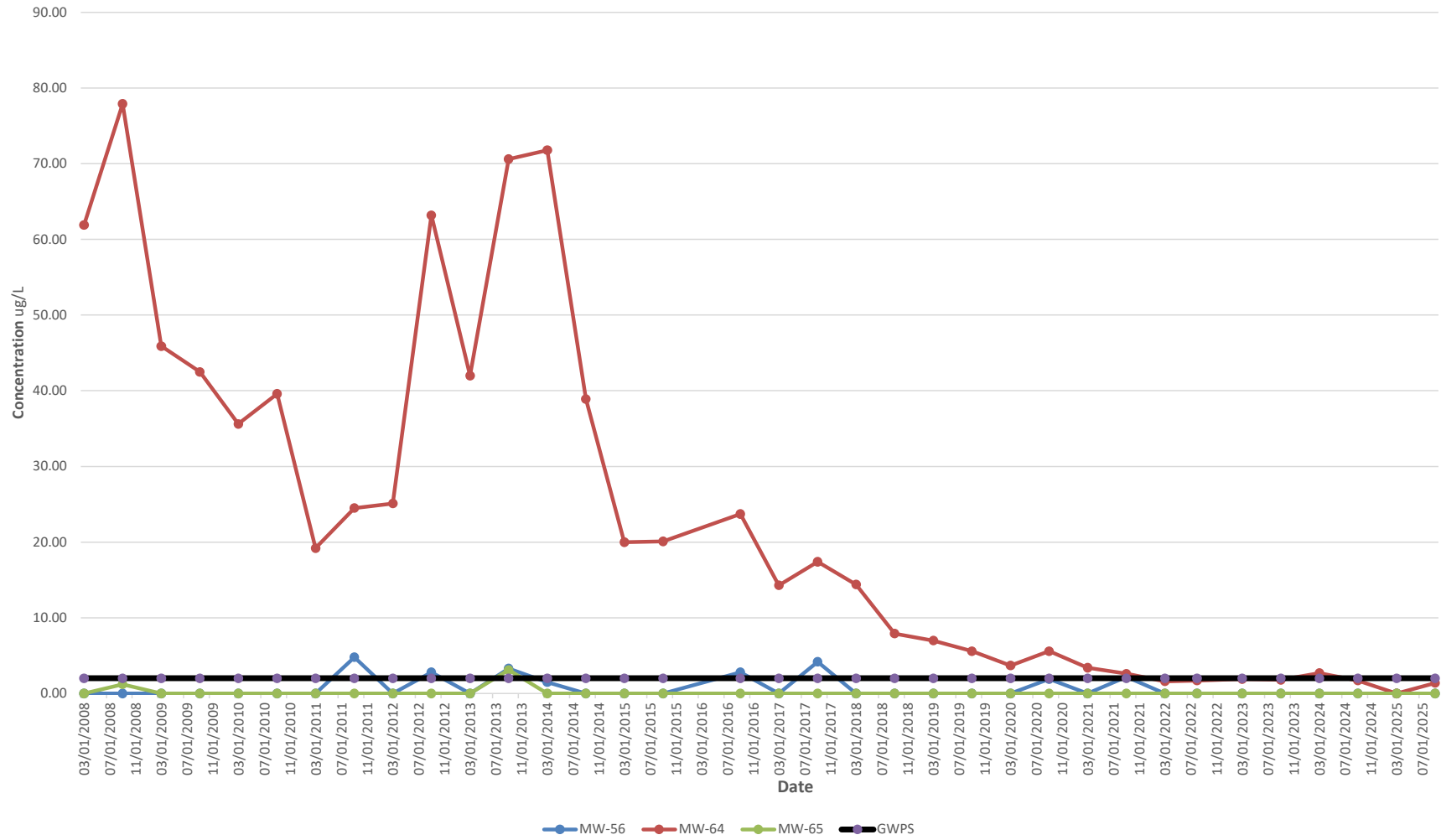
NEWTON SANITARY LANDFILL  
 50-SDP-1-75P  
 CONCENTRATIONS - GROUNDWATER

| Date       | PARAMETER          | MCL    | D.G.W |       |       |
|------------|--------------------|--------|-------|-------|-------|
|            |                    |        | MW 56 | MW 64 | MW 65 |
|            | ug/L               |        |       |       |       |
| 09/14/2016 | 1,1-dichloroethane | 140.00 | 5.00  | 1.90  | <1    |
| 09/08/2017 | 1,1-dichloroethane | 140.00 | 10.40 | 2.00  | <1    |
| 03/19/2018 | 1,1-dichloroethane | 140.00 | <1    | 2.60  | <1    |
| 09/11/2018 | 1,1-dichloroethane | 140.00 | <1    | 1.20  | <1    |
| 03/26/2019 | 1,1-dichloroethane | 140.00 | <1    | 2.40  | <1    |
| 09/04/2019 | 1,1-dichloroethane | 140.00 | 4.70  | 2.30  | <1    |
| 03/26/2020 | 1,1-dichloroethane | 140.00 | <1    | 2.40  | <1    |
| 09/15/2020 | 1,1-dichloroethane | 140.00 | 6.90  | 1.80  | <1    |
| 03/02/2021 | 1,1-dichloroethane | 140.00 | <1    | 2.70  | <1    |
| 09/07/2021 | 1,1-dichloroethane | 140.00 | 8.40  | 1.60  | <1    |
| 03/24/2022 | 1,1-dichloroethane | 140.00 | <1    | 2.10  | <1    |
| 08/31/2022 | 1,1-dichloroethane | 140.00 | 7.40  | 1.60  | <1    |
| 03/02/2023 | 1,1-dichloroethane | 140.00 | <1    | 2.30  | <1    |
| 09/12/2023 | 1,1-dichloroethane | 140.00 | 4.00  | 1.80  | <1    |
| 03/04/2024 | 1,1-dichloroethane | 140.00 | 1.70  | 1.50  | <1    |
| 09/23/2024 | 1,1-dichloroethane | 140.00 | 2.60  | 1.70  | <1    |
| 03/12/2025 | 1,1-dichloroethane | 140.00 | <1    | 1.60  | <1    |
| 09/03/2025 | 1,1-dichloroethane | 140.00 | <1    | 1.80  | <1    |

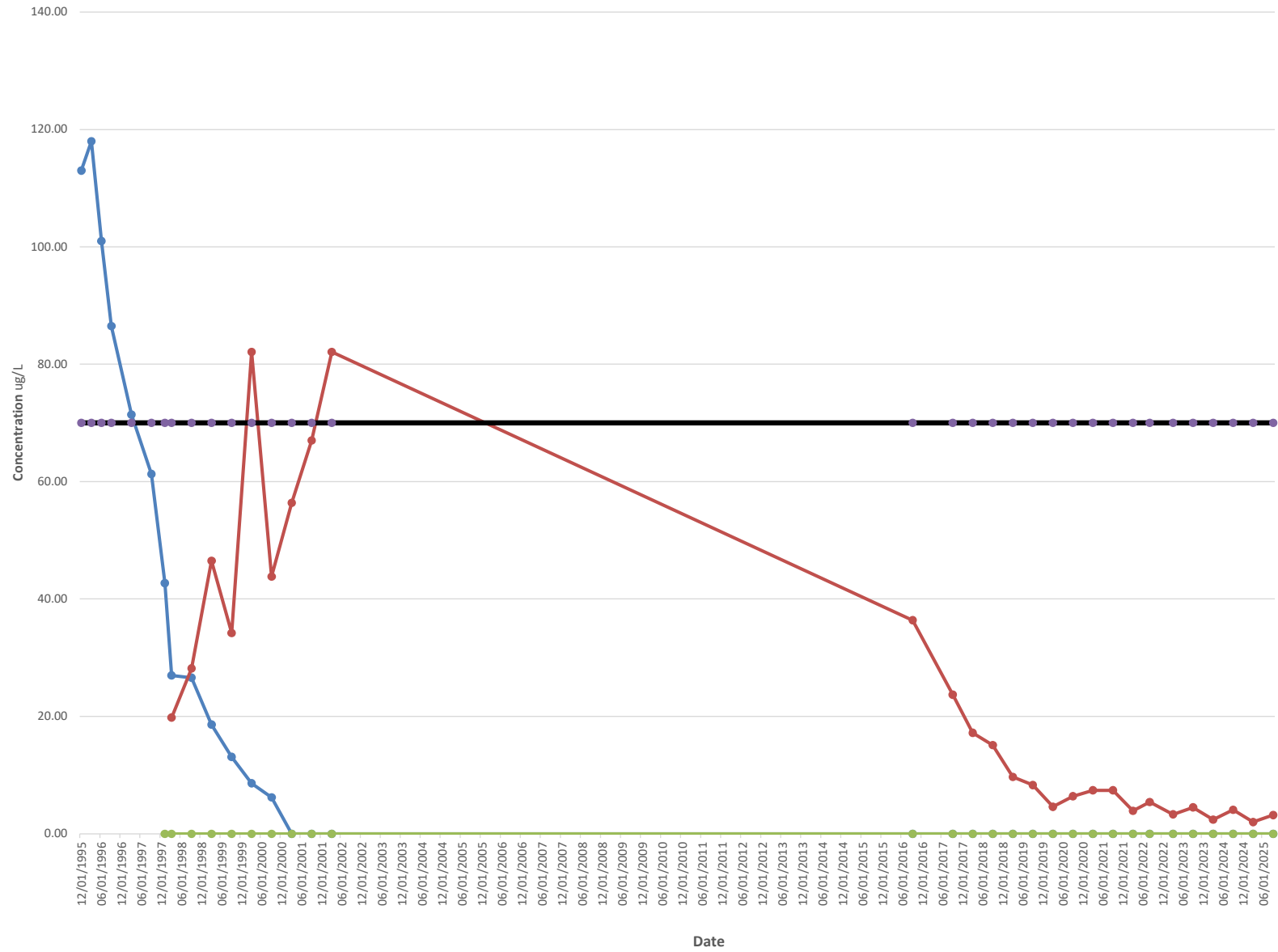
# Vinyl Chloride



# Vinyl Chloride



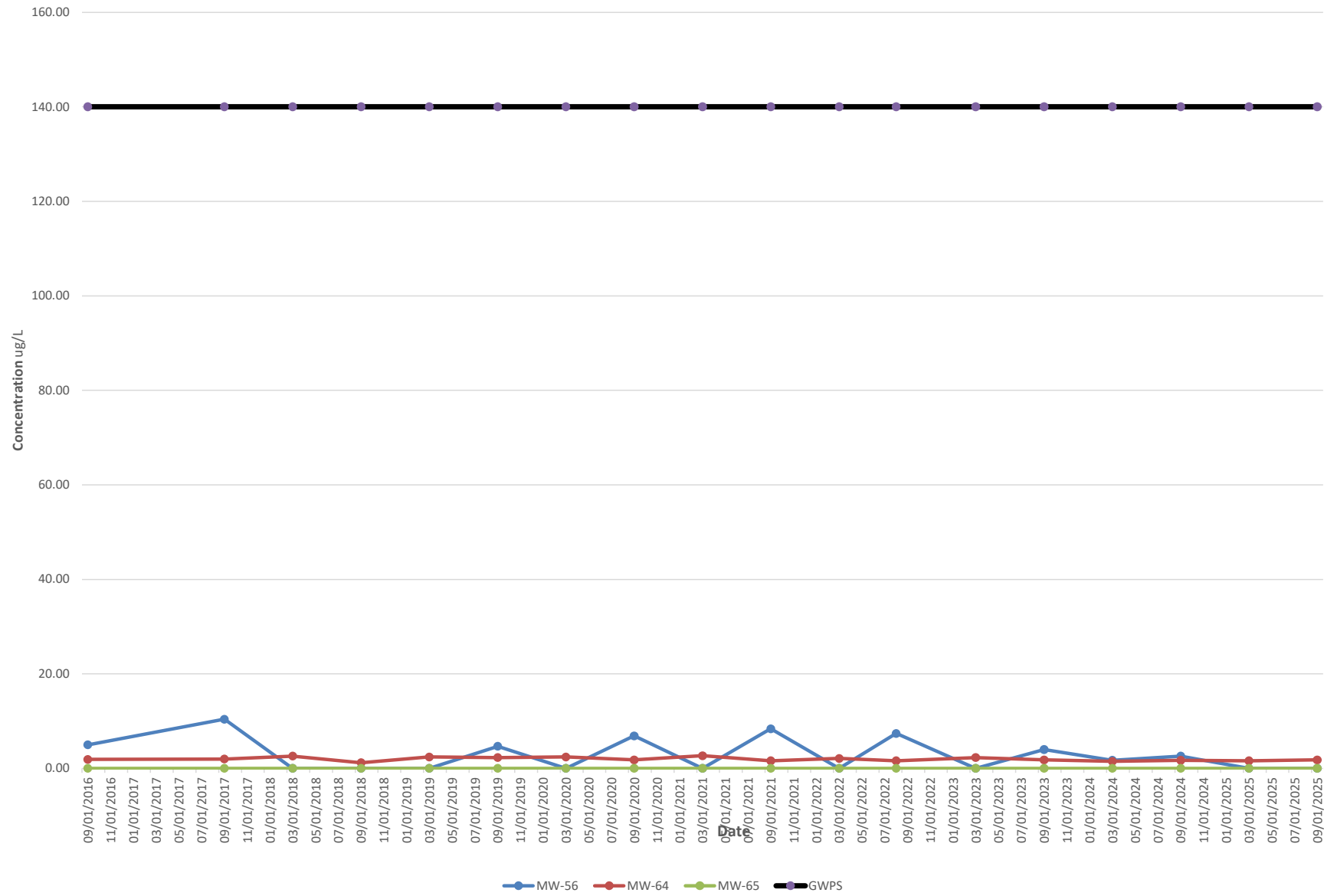
cis 1,2-DCE



MW-56 MW-64 MW-65 GWPS



# 1,1-dichloroethane



**ATTACHMENT E**

**Water Elevation Data**



NEWTON SANITARY LANDFILL  
50-SDP-1-75P  
MONTHLY WATER ELEVATIONS

| TOP PVC, FT.<br>(Revised)<br>DATE | MW 48  | MW 44  | MW 45  | MW 45R | MW 56  | MW 57  | MW-64  | MW-65  |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
|                                   | 875.20 | 834.55 | 859.92 | 875.51 | 839.21 | 844.10 | 839.60 | 833.68 |
| 6/29/92                           | 864.8  | 826.33 | 840.87 |        | 830.83 | 835.35 |        |        |
| 12/14/92                          | 869.94 | 828.09 | 843.62 |        | 831.33 | 839.58 |        |        |
| 1/28/93                           | 869.53 | 826.56 | 842.65 |        | 830.73 | 837.65 |        |        |
| 3/5/93                            | 869.59 | 827.01 | 843.48 |        | 830.72 | 839.30 |        |        |
| 9/14/93                           | 869.64 | 829.53 | 848.56 |        | 831.87 | 840.82 |        |        |
| 3/14/94                           | 868.74 | 827.06 | 848.10 |        | 830.55 | 839.20 |        |        |
| 9/6/94                            | 864.02 | 825.91 | 839.80 |        | 831.01 | 834.86 |        |        |
| 3/14/95                           | 867.2  | 826.75 | 842.32 |        | 829.49 | 839.52 |        |        |
| 9/25/95                           | 863.2  | 826.97 | 840.82 |        | 830.61 | 836.05 |        |        |
| 03/19/1996                        | 868    | 827.18 | 839.82 |        | 829.46 | 838.90 |        |        |
| 09/05/1996                        | 864.8  | 826.95 | 841.22 |        | 828.41 | 834.95 |        |        |
| 01/20/1997                        | 866.28 | 827.36 | 839.14 |        | 829.39 | 838.87 |        |        |
| 03/12/1997                        | 869.42 | 828.75 | 839.37 |        | 829.76 | 839.70 |        |        |
| 04/24/1997                        | 869.33 | 828.63 | 841.47 |        | 829.66 | 838.50 |        |        |
| 05/24/1997                        | 869.09 | 828.41 | 844.96 |        | 829.36 | 838.28 |        |        |
| 06/27/1997                        | 867    | 827.89 | 842.96 |        | 829.51 | 836.73 |        |        |
| 07/30/1997                        | 865.57 | 827.13 | 839.80 |        | 829.44 | 834.22 |        |        |
| 09/10/1997                        | 865    | 826.90 | 838.92 |        | 829.41 | 835.05 |        |        |
| 01/15/1998                        | 869.35 | 828.69 | 843.18 |        | 829.59 | 839.42 |        |        |
| 03/25/1998                        | 870.2  | 831.05 | 846.94 |        | 830.61 | 840.50 | 832.10 | 827.43 |
| 07/21/1998                        | 868.35 | 828.69 | 843.78 |        | 830.01 | 838.89 |        |        |
| 08/31/1998                        | 866.23 | 828.25 | 840.79 |        | 829.93 | 838.71 |        |        |
| 09/08/1998                        | 865.5  | 828.05 | 840.57 |        | 829.81 | 837.90 | 831.55 | 823.83 |
| 01/30/1999                        | 865.92 | 826.36 | 839.75 |        | 829.46 | 837.40 |        |        |
| 03/10/1999                        | 868.95 | 828.90 | 840.80 |        | 829.66 | 839.40 | 831.15 | 825.10 |
| 05/30/1999                        | 869.13 | 829.36 | 845.85 |        | 829.74 | 838.81 |        |        |
| 06/26/1999                        | 868.68 | 828.75 | 843.14 |        | 829.70 | 838.67 |        |        |
| 07/30/1999                        | 865.03 | 827.67 | 840.56 |        | 829.39 | 836.88 |        |        |
| 08/30/1999                        | 866.48 | 828.92 | 841.87 |        | 829.65 | 839.10 |        |        |
| 09/05/1999                        | 856.5  | 828.70 | 841.87 |        | 829.61 | 838.80 | 831.30 | 824.08 |
| 03/27/1900                        | 865.22 | 827.65 | 838.54 |        | 829.21 | 837.85 | 830.65 | 823.81 |
| 09/14/2000                        | 864.5  | 828.35 | 840.02 |        | 829.81 | 836.50 | 829.50 | 823.88 |
| 03/19/2001                        | 870.3  | 831.58 | 839.42 |        | 753.21 | 841.30 | 832.00 | 825.18 |
| 08/31/2001                        | 864.35 | 828.25 | 840.02 |        | 829.36 | 839.00 | 831.00 | 823.88 |
| 03/19/2002                        | 865.25 | 828.57 | 837.97 |        | 829.46 | 838.70 | 830.85 | 823.98 |
| 09/06/2002                        | 864.6  | 827.35 | 838.20 |        | 828.81 | 837.55 | 830.55 | 823.08 |
| 03/27/2003                        | 867    | 827.65 | 837.62 |        | 829.01 | 836.85 | 830.50 | 823.58 |
| 09/20/2003                        | 863.9  | 827.59 | 838.26 |        | 829.08 | 837.48 | 830.61 | 823.05 |

NEWTON SANITARY LANDFILL  
50-SDP-1-75P  
MONTHLY WATER ELEVATIONS

| TOP PVC, FT.<br>(Revised)<br>DATE | MW 48  | MW 44  | MW 45  | MW 45R | MW 56  | MW 57  | MW-64  | MW-65  |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
|                                   | 875.20 | 834.55 | 859.92 | 875.51 | 839.21 | 844.10 | 839.60 | 833.68 |
| 03/24/2004                        | 870.1  | 831.75 | 843.42 |        | 830.21 | 840.00 | 831.40 | 825.48 |
| 09/11/2004                        | 864.7  | 827.85 | 839.62 |        | 829.11 | 838.50 | 830.70 | 823.48 |
| 03/02/2005                        | 869.35 | 829.05 | 839.17 |        | 829.81 | 839.06 | 830.98 | 824.05 |
| 09/09/2005                        | 863.56 | 827.41 | 839.20 |        | 828.89 | 837.30 | 830.48 | 822.78 |
| 11/01/2005                        | 862.82 | 826.93 | 838.18 |        | 828.96 | 835.05 | 830.29 | 822.70 |
| 03/09/2006                        | 865.7  | 830.20 | 837.61 |        | 831.49 | 840.89 | 831.76 | 826.54 |
| 06/29/2006                        | NT     | NT     | NT     |        | NT     | NT     | NT     | NT     |
| 09/01/2006                        | 864.08 | 828.95 | 837.82 |        | 829.25 | 838.91 | 830.87 | 823.67 |
| 12/29/2006                        | NT     | NT     | NT     |        | NT     | NT     | NT     | NT     |
| 03/27/2007                        | 870.07 | 829.05 | 840.27 |        | 831.18 | 840.08 | 831.92 | 824.68 |
| 06/20/2007                        | NT     | NT     | NT     |        | NT     | NT     | NT     | NT     |
| 09/24/2007                        | 866    | 828.95 | 839.81 |        | 829.26 | 838.64 | 831.12 | 823.55 |
| 12/21/2007                        | NT     | NT     | NT     |        | NT     | NT     | NT     | NT     |
| 03/19/2008                        | 870.33 | 830.54 | 844.42 |        | 832.52 | 840.32 | 832.95 | 827.53 |
| 06/09/2008                        | NT     | NT     | NT     |        | NT     | NT     | NT     | NT     |
| 09/15/2008                        | 867.3  | 823.05 | 840.62 |        | 830.96 | 839.30 | 831.65 | 824.03 |
| 12/22/2008                        | NT     | NT     | NT     |        | NT     | NT     | NT     | NT     |
| 03/05/2009                        | 869.1  | 828.85 | 843.62 |        | 830.01 | 838.90 | 831.45 | 824.08 |
| 06/24/2009                        | NT     | NT     | NT     |        | NT     | NT     | NT     | NT     |
| 09/12/2009                        | 866.6  | 829.00 | 843.07 |        | 829.51 | 838.72 | 831.05 | 823.76 |
| 12/07/2009                        | NT     | NT     | NT     |        | NT     | NT     | NT     | NT     |
| 03/30/2010                        | 869.7  | 829.75 | 848.02 |        | 831.41 | 838.90 | 831.80 | 824.68 |
| 06/28/2010                        | NT     | NT     | NT     |        | NT     | NT     | NT     | NT     |
| 09/27/2010                        | 869.8  | 831.55 | 847.87 |        | 831.96 | 839.70 | 832.20 | 824.98 |
| 03/23/2011                        | 869.55 | 830.65 | 844.42 |        | 830.76 | 839.90 | 832.00 | 824.38 |
| 09/08/2011                        | 864.45 | 828.25 | 840.82 |        | 828.81 | 835.30 | 830.30 | 822.48 |
| 03/08/2012                        | 865.5  | 830.05 | 839.37 |        | 831.76 | 839.45 | 831.55 | 824.93 |
| 07/18/2012                        | 864.2  | NT     | NT     |        | NT     | NT     | NT     | NT     |
| 09/24/2012                        | 862.5  | 826.80 | 838.22 |        | 828.31 | 833.75 | 829.60 | 822.08 |
| 03/14/2013                        | 868.45 | 829.30 | 839.02 |        | 831.21 | 840.10 | 831.70 | 826.23 |
| 09/24/2013                        | 862.7  | 827.50 | 840.47 |        | 828.61 | 834.15 | 830.00 | 822.08 |
| 03/24/2014                        | 864.4  | 827.50 | 838.92 |        | 829.81 | 834.50 | 831.10 | 823.73 |
| 09/24/2014                        | 869.6  | 829.15 | 845.07 |        | 829.61 | 838.65 | 831.10 | 824.18 |
| 03/11/2015                        | 869.5  | 828.75 | 843.92 |        | 829.71 | 838.95 | 831.25 | 825.18 |
| 09/17/2015                        | 866.6  | 828.89 | 841.97 |        | 829.71 | 838.25 | 831.25 | 824.64 |
| 03/22/2016                        | 869.35 | NT     | NT     |        | NT     | NT     | NT     | NT     |
| 09/14/2016                        | 865.35 | 828.40 | 840.52 |        | 829.08 | 838.47 | 831.15 | 824.48 |
| 03/23/2017                        | 867.48 | 828.35 | 841.42 |        | 829.79 | 838.50 | 831.25 | 825.02 |

NEWTON SANITARY LANDFILL  
50-SDP-1-75P  
MONTHLY WATER ELEVATIONS

| TOP PVC, FT.<br>(Revised)<br>DATE | MW 48  | MW 44  | MW 45   | MW 45R | MW 56  | MW 57  | MW-64  | MW-65  |
|-----------------------------------|--------|--------|---------|--------|--------|--------|--------|--------|
|                                   | 875.20 | 834.55 | 859.92  | 875.51 | 839.21 | 844.10 | 839.60 | 833.68 |
| 09/08/2017                        | 863.5  | 827.32 | 838.33  |        | 828.59 | 834.66 | 830.09 | 823.02 |
| 3/19/2018                         | 867.99 | 830.01 | 838.42  |        | 830.49 | 839.51 | 832.07 | 827.05 |
| 9/11/2018                         | 869.68 | 830.96 | 841.76  |        | 830.44 | 839.01 | 831.59 | 826.69 |
| 3/26/2019                         | 869.62 | 829.65 | 846.92  |        | 830.74 | 838.78 | 831.76 | 825.80 |
| 9/4/2019                          | 864.89 | 828.46 | 840.51  |        | 829.08 | 836.88 | 831.04 | 823.72 |
| 3/26/2020                         | 869.3  | 830.55 | 847.12  |        | 831.53 | 839.00 | 832.07 | 826.40 |
| 9/15/2020                         | 864.95 | 828.74 | 839.69  |        | 829.19 | 834.64 | 830.80 | 823.29 |
| 3/2/2021                          | 868.6  | 831.10 | 840.98  |        | 831.71 | 840.18 | 832.75 | 827.50 |
| 9/7/2021                          | 863.87 | 828.29 | Plugged | 812.21 | 828.84 | 835.40 | 831.22 | 822.92 |
| 3/24/2022                         | 868.18 | 830.44 | Plugged | 812.21 | 831.82 | 839.80 | 832.92 | 826.81 |
| 9/1/2022                          | 863.21 | 827.58 | Plugged | 812.21 | 828.20 | 833.75 | 829.89 | 821.08 |
| 3/2/2023                          | 867.6  | 829.82 | Plugged | 812.21 | 831.25 | 839.44 | 832.32 | 825.57 |
| 9/12/2023                         | 863.2  | 828.20 | Plugged | 812.21 | 828.43 | 836.75 | 830.09 | 821.95 |
| 3/4/2024                          | 866.03 | 828.60 | Plugged | 812.21 | 829.39 | 837.62 | 831.05 | 824.41 |
| 9/23/2024                         | 864.31 | 828.44 | Plugged | 812.21 | 828.86 | 837.51 | 830.72 | 823.97 |
| 3/12/2025                         | 869.05 | 829.84 | Plugged | 812.21 | 831.90 | 839.38 | 831.84 | 825.65 |
| 9/3/2025                          | 865.97 | 828.89 | Plugged | 812.21 | 829.07 | 837.45 | 830.62 | 823.53 |

**ATTACHMENT F**

**Leachate Levels LPZ-209, LPZ-210, and LPZ-211**

NEWTON SANITARY LANDFILL 50-SDP-1-75P

LEACHATE ELEVATIONS

1945 Landfill

|              | LW-209 | LW-210 | LW-211 |
|--------------|--------|--------|--------|
| TOP PVC, FT. | 861.36 | 887.12 | 871.53 |
| (Revised)    |        |        |        |
| BTM ELEV     | 838.5  | 861.92 | 837.23 |
| DATE         |        |        |        |
| 06/29/1992   |        |        |        |
| 12/14/1992   |        |        |        |
| 01/28/1993   |        |        |        |
| 03/05/1993   |        |        |        |
| 09/14/1993   |        |        |        |
| 03/14/1994   |        |        |        |
| 09/06/1994   | 852.06 | 872.42 | 861.03 |
| 03/14/1995   | 851.36 | 872.82 | 859.98 |
| 09/25/1995   | 851.96 | 875.72 | 861.63 |
| 03/19/1996   | 850.96 | 875.72 | 860.03 |
| 09/05/1996   | 851.46 | 875.62 | 860.93 |
| 01/20/1997   | 850.96 | 874.79 | 860.15 |
| 03/12/1997   | 850.36 | 872.02 | 859.73 |
| 04/24/1997   | 851.80 | 874.04 | 859.81 |
| 05/24/1997   | 852.34 | 875.10 | 859.86 |
| 06/27/1997   | 851.99 | 875.21 | 860.00 |
| 07/30/1997   | 851.51 | 875.46 | 860.24 |
| 09/10/1997   | 850.86 | 875.52 | 860.73 |
| 01/15/1998   | 852.44 | 876.26 | 860.35 |
| 03/25/1998   | 853.46 | 876.32 | 860.63 |
| 07/21/1998   | 853.94 | 875.77 | 862.65 |
| 08/31/1998   | 852.53 | 875.88 | 862.71 |
| 09/08/1998   | 852.56 | 875.92 | 862.73 |
| 01/30/1999   | 851.02 | 873.42 | 860.38 |
| 03/10/1999   | 851.16 | 875.62 | 860.13 |
| 05/30/1999   | 853.13 | 876.27 | 860.63 |
| 06/26/1999   | 853.06 | 876.28 | 861.19 |
| 07/30/1999   | 852.25 | 876.08 | 861.16 |
| 08/30/1999   | 852.03 | 875.97 | 861.10 |
| 09/05/1999   | 852.26 | 875.92 | 861.33 |
| 03/27/2000   | 850.06 | 875.52 | 859.33 |
| 09/14/2000   | 850.80 | 875.82 | 859.13 |
| 03/19/1901   | 849.76 | 876.42 | 856.23 |
| 08/31/1901   | 851.66 | 876.32 | 859.43 |
| 03/19/2002   | 850.16 | 871.12 | 858.23 |
| 09/06/2002   | 851.06 | 876.02 | 858.53 |
| 03/27/2003   | 849.66 | 869.72 | 857.53 |
| 09/20/2003   | 851.40 | 876.38 | 858.63 |
| 03/24/2004   | 852.26 | 876.42 | 858.33 |
| 09/11/2004   | 852.16 | 876.12 | 859.83 |
| 03/02/2005   | 850.46 | 876.12 | 858.73 |
| 09/09/2005   | 851.88 | 876.27 | 860.28 |
| 03/09/2006   | 850.10 | 876.37 | 858.88 |
| 06/29/2006   | 851.81 | 876.20 | 858.51 |
| 09/01/2006   | 851.30 | 876.28 | 858.83 |
| 12/26/2006   | 852.28 | 876.26 | 858.96 |
| 03/27/2007   | 852.32 | 876.29 | 858.85 |
| 06/20/2007   | 853.82 | 876.24 | 859.46 |
| 09/24/2007   | 853.47 | 876.27 | 860.33 |
| 12/21/2007   | 852.95 | 876.23 | 860.39 |
| 03/19/2008   | 853.13 | 876.32 | 859.99 |
| 06/09/2008   | 856.05 | 856.30 | 860.86 |
| 09/15/2008   | 853.66 | 876.22 | 861.23 |
| 12/22/2008   | 851.86 | 876.12 | 860.43 |
| 03/05/2009   | 851.46 | 876.22 | 859.83 |
| 06/24/2009   | 854.96 | 876.22 | 861.13 |
| 09/12/2009   | 854.66 | 876.22 | 860.93 |
| 12/07/2009   | 854.56 | 876.12 | 860.63 |
| 03/30/2010   | 855.96 | 876.02 | 860.43 |
| 06/28/2010   | 857.46 | 876.27 | 861.03 |
| 09/27/2010   | 856.06 | 875.82 | 861.13 |

NEWTON SANITARY LANDFILL 50-SDP-1-75P

LEACHATE ELEVATIONS

1945 Landfill

|              | LW-209 | LW-210 | LW-211 |
|--------------|--------|--------|--------|
| TOP PVC, FT. | 861.36 | 887.12 | 871.53 |
| (Revised)    |        |        | 871.13 |
| DATE         |        |        |        |
| 03/23/2011   | 851.86 | 876.12 | 859.33 |
| 09/08/2011   | 853.26 | 876.12 | 859.78 |
| 12/05/2011   | 851.51 | 872.42 | 857.93 |
| 02/15/2012   | 851.19 | 876.18 | 858.61 |
| 03/08/2012   | 851.36 | 876.22 | 857.43 |
| 04/23/2012   | 852.98 | 876.24 | 858.06 |
| 05/21/2012   | 853.73 | 876.26 | 858.33 |
| 06/21/2012   | 853.01 | 876.22 | 858.78 |
| 07/25/2012   | 852.26 | 876.18 | 858.99 |
| 08/27/2012   | 851.45 | 875.42 | 858.88 |
| 09/24/2012   | 851.16 | 874.22 | 858.53 |
| 10/30/2012   | 850.85 | 876.20 | 858.46 |
| 12/05/2012   | 850.66 | 876.12 | 858.03 |
| 01/15/2013   | 850.48 | 876.08 | 857.81 |
| 02/15/2013   | 850.52 | 876.20 | 857.49 |
| 03/15/2013   | 850.96 | 876.12 | 857.53 |
| 04/15/2013   | 854.96 | 876.12 | 857.43 |
| 05/15/2013   | 856.51 | 876.19 | 857.73 |
| 06/21/2013   | 853.01 | 876.22 | 858.78 |
| 07/10/2013   | 855.76 | 876.22 | 858.73 |
| 08/20/2013   | 853.76 | 876.12 | 859.18 |
| 09/24/2013   | 852.91 | 875.27 | 859.43 |
| 10/09/2013   | 852.44 | 874.72 | 859.22 |
| 11/13/2013   | 851.51 | 872.55 | 858.62 |
| 12/19/2013   | 851.16 | 870.32 | 858.73 |
| 01/14/2014   | 850.76 | 869.42 | 858.43 |
| 02/19/2014   | 850.44 | 867.82 | 857.84 |
| 03/24/2014   | 850.26 | 866.72 | 857.23 |
| 04/11/2014   | 850.16 | 866.22 | 857.13 |
| 05/19/2014   | 850.86 | 876.12 | 856.83 |
| 06/09/2014   | 851.96 | 876.22 | 857.13 |
| 07/25/2014   | 856.01 | 876.17 | 857.80 |
| 08/18/2014   | 854.36 | 876.02 | 857.98 |
| 09/25/2014   | 855.56 | 876.22 | 858.53 |
| 10/28/2014   | 854.51 | 876.02 | 858.88 |
| 11/20/2014   | 853.84 | 878.07 | 859.01 |
| 12/05/2014   | 853.46 | 876.17 | 859.08 |
| 01/16/2015   | 852.91 | 876.17 | 858.93 |
| 02/11/2015   | 852.61 | 876.12 | 858.63 |
| 03/11/2015   | 852.36 | 876.22 | 858.53 |
| 04/13/2015   | 852.66 | 876.12 | 858.53 |
| 05/05/2015   | 853.36 | 876.12 | 858.53 |
| 06/16/2015   | 853.66 | 876.17 | 858.78 |
| 07/07/2015   | 855.01 | 875.97 | 858.98 |
| 08/11/2015   | 852.06 | 876.17 | 859.43 |
| 09/17/2015   | 853.96 | 875.74 | 859.44 |
| 10/06/2015   | 854.11 | 876.15 | 859.73 |
| 11/18/2015   | 853.46 | 876.12 | 860.18 |
| 12/17/2015   | 854.96 | 876.17 | 859.43 |
| 01/06/2016   | 856.36 | 876.02 | 859.51 |
| 02/19/2016   | 855.36 | 876.02 | 859.93 |
| 03/22/2016   | 855.40 | 875.98 | 859.83 |
| 04/26/2016   | 855.76 | 875.92 | 859.93 |
| 05/24/2016   | 852.36 | 875.82 | 859.83 |
| 06/23/2016   | 854.24 | 875.67 | 859.53 |
| 07/29/2016   | 853.54 | 875.82 | 859.83 |
| 08/24/2016   | 853.16 | 875.92 | 859.83 |
| 09/14/2016   | 853.01 | 875.92 | 859.53 |
| 10/14/2016   | 852.61 | 875.92 | 859.43 |
| 11/16/2016   | 852.09 | 875.97 | 859.38 |
| 12/15/2016   | 851.76 | 875.82 | 860.43 |

NEWTON SANITARY LANDFILL 50-SDP-1-75P

LEACHATE ELEVATIONS

1945 Landfill

|              | LW-209 | LW-210 | LW-211 |
|--------------|--------|--------|--------|
| TOP PVC, FT. | 861.36 | 887.12 | 871.53 |
| (Revised)    |        |        | 871.13 |
| DATE         |        |        |        |
| 01/11/2017   | 851.21 | 876.12 | 858.78 |
| 02/14/2017   | 761.06 | 876.12 | 858.11 |
| 03/23/2017   | 851.16 | 875.89 | 857.82 |
| 04/20/2017   | 852.81 | 875.77 | 857.83 |
| 05/22/2017   | 853.96 | 875.77 | 857.98 |
| 06/09/2017   | 853.76 | 875.87 | 858.08 |
| 07/19/2017   | 852.56 | 875.77 | 858.21 |
| 08/23/2017   | 851.86 | 875.52 | 858.33 |
| 09/08/2017   | 851.65 | 875.85 | 858.29 |
| 10/13/2017   | 850.16 | 877.12 | 858.31 |
| 11/15/2017   | 851.16 | 875.37 | 858.33 |
| 12/05/2017   | 851.12 | 875.82 | 858.08 |
| 01/09/2018   | 850.96 | 875.12 | 858.23 |
| 02/21/2018   | 850.46 | 876.09 | 856.98 |
| 03/19/2018   | 850.46 | 875.07 | 857.38 |
| 04/30/2018   | 851.26 | 876.09 | 857.13 |
| 05/30/2018   | 852.76 | 875.72 | 857.23 |
| 06/05/2018   | 852.98 | 875.87 | 857.13 |
| 07/27/2018   | 854.16 | 874.32 | 857.48 |
| 08/30/2018   | 852.56 | 875.17 | 857.78 |
| 09/11/2018   | 853.36 | 876.02 | 858.04 |
| 10/30/2018   | 856.36 | 875.02 | 858.73 |
| 11/29/2018   | 855.16 | 875.09 | 859.05 |
| 12/05/2018   | 854.66 | 875.72 | 858.75 |
| 1/28/2019    | 855.36 | 875.07 | 859.10 |
| 2/28/2019    | 855.26 | 875.02 | 859.03 |
| 3/26/2019    | 853.91 | 875.84 | 858.48 |
| 4/26/2019    | 855.36 | 875.31 | 859.22 |
| 5/15/2019    | 852.61 | 875.22 | 858.98 |
| 6/6/2019     | 857.36 | 876.02 | 859.43 |
| 7/24/2019    | 855.36 | 874.92 | 859.63 |
| 8/28/2019    | 853.86 | 874.42 | 859.93 |
| 9/4/2019     | 853.65 | 873.37 | 859.88 |
| 10/28/2019   | 856.16 | 875.42 | 859.83 |
| 11/25/2019   | 855.36 | 875.11 | 860.13 |
| 12/4/2019    | 857.36 | 876.02 | 859.43 |
| 1/30/2020    | 855.66 | 875.12 | 859.83 |
| 2/21/2020    | 853.76 | 875.62 | 859.03 |
| 3/2/2020     | 854.36 | 875.65 | 859.43 |
| April 2020   | NR     | NR     | NR     |
| 5/21/2020    | 855.16 | 874.52 | 859.43 |
| 6/18/2020    | 855.83 | 874.31 | 859.73 |
| 7/14/2020    | 854.56 | 874.52 | 859.33 |
| 8/29/2020    | 853.51 | 872.87 | 859.93 |
| 9/15/2020    | 853.71 | 873.02 | 859.69 |
| 12/3/2020    | 853.06 | 873.72 | 859.21 |
| 3/2/2021     | 853.04 | 873.11 | 858.73 |
| 6/2/2021     | 854.39 | 873.04 | 858.93 |
| 9/7/2021     | 852.76 | 871.35 | 859.41 |
| 12/3/2021    | 852.71 | 872.46 | 858.96 |
| 3/24/2022    | 852.21 | 874.60 | 858.16 |
| 6/13/2022    | 854.26 | 874.19 | 858.18 |
| 9/1/2022     | 852.05 | 871.97 | 858.33 |
| 12/2/2022    | 851.21 | 872.82 | 858.35 |
| 3/2/2023     | 851.00 | 874.14 | 857.63 |
| 6/8/2023     | 852.93 | 872.62 | 857.58 |
| 9/12/2023    | 851.73 | 871.25 | 857.92 |
| 12/21/2023   | 850.68 | 870.41 | 857.68 |
| 3/4/2024     | 850.51 | 871.87 | 857.48 |
| 6/3/2024     | 852.94 | 871.72 | 857.50 |
| 9/23/2024    | 852.71 | 871.28 | 858.43 |
| 12/11/2024   | 851.94 | 871.57 | 858.39 |
| 3/12/2025    | 851.96 | 872.07 | 857.92 |
| 6/2/2025     | 853.15 | 871.31 | 857.77 |
| 9/3/2025     | 853.96 | 871.47 | 858.73 |

**ATTACHMENT G**

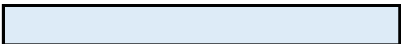
**Explosive Gas Monitoring Results**



NEWTON SANITARY LANDFILL  
50-SDP-1-75P  
EXPLOSIVE GAS MONITORING RESULTS

1945 Landfill

|                            | 12/11/2024           | 3/12/2025            | 6/2/2025             | 9/3/2025             |
|----------------------------|----------------------|----------------------|----------------------|----------------------|
| Reference*<br>Location     | Combustible<br>% LEL | Combustible<br>% LEL | Combustible<br>% LEL | Combustible<br>% LEL |
| <b>Breathing Zone</b>      |                      |                      |                      |                      |
| G1 - Scale House           | 0                    | 0                    | 0                    | 0                    |
| G2 - Under Scale           | 0                    | 0                    | 0                    | 0                    |
| G3 - Outside Scale House   | 0                    | 0                    | 0                    | 0                    |
| G4 - Southeast Shed        | 0                    | 0                    | 0                    | 0                    |
| G5 - MW-47                 | 0                    | 0                    | 0                    | 0                    |
| G6 - MW-45R                | 0                    | 0                    | 0                    | 0                    |
| G7 - MW-44                 | 0                    | 0                    | 0                    | 0                    |
| G8 - MW-42                 | 0                    | 0                    | 0                    | 0                    |
| G9 - MW-41                 | 0                    | 0                    | 0                    | 0                    |
| G10 - MW-60                | 0                    | 0                    | 0                    | 0                    |
| G11 - Near Lagoon          | 0                    | 0                    | 0                    | 0                    |
| G12 - MW-39                | 0                    | 0                    | 0                    | 0                    |
| G13 - MW-62                | 0                    | 0                    | 0                    | 0                    |
| G14 - MW-48                | 0                    | 0                    | 0                    | 0                    |
| <b>Subsurface Soil Gas</b> |                      |                      |                      |                      |
| GP-1                       | 0                    | 0                    | 0                    | 0                    |
| GP-2                       | 39.4                 | 67.2                 | 50.0                 | 18.6                 |
| GP-3                       | 0                    | 0                    | 0                    | 0                    |
| GP-4                       | 0                    | 0                    | 0                    | 0                    |
| GP-5                       | 0                    | 0                    | 0                    | 0                    |
| GP-6                       | 63.0                 | 76.8                 | 46.2                 | 0                    |
| GP-7                       | 0                    | 0                    | 0                    | 0                    |
| GP-8                       | 0                    | 0                    | 0                    | 0                    |
| GP-9                       | 0                    | 0                    | 0                    | 0                    |
| GP-10                      | 0                    | 0                    | 36.5                 | 64.3                 |

 Near 1945 Landfill